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PUBLISHED BY AUTHORITY

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No. 4] NEW DELHI, SATURDAY, JANUARY 24, 1976 (MAGHA 4, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS & DESIGNS

Calcutta, the 24th January 1976

CORRIGENDUM

(1)

In the Gazette of India, Part-III Section 2, dated 9th November, 1974, in page 807, Column-1, under the heading "Cessation of Patents."

Delete No. 120834.

(2)

In the Gazette of India, Part-III, Section-2, dated the 21st June, 1975, in page 408, Column-1, under the heading "Cessation of Patents."

Delete No. 129362.

(3)

In the Gazette of India, Part-III Section-2, dated the 28th June, 1975 in page 421, Column-2, under the heading "Cessation of Patents."

Delete No. 133236.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

427GI/75

18th December 1975

2355/Cal/75. International Standard Electric Corporation. D/A converter for PCM. (February 20, 1975).

2356/Cal/75. Societa Italiana Resine S.I.R. S.p.A. Process for the preparation of fertilizers and soil modifiers.

2357/Cal/75. Bunker Ramo Corporation. A hood assembly for an electrical connector.

2358/Cal/75. Mahle GMBH. Pistons and piston rings.

2359/Cal/75. Hoechst Aktiengesellschaft. Water-insoluble disazo merbine compounds process for their preparation and their use.

2360/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to split cable-sleeves.

2361/Cal/75. Elkem-Spigerverket A/S. Arrangement by charging of electric smelting furnaces.

2362/Cal/75. Societe Toulousaine De Produits Chimiques "Tolochimie". Process for the manufacture of phosgene.

2363/Cal/75. Braunschweigische Maschinenbauanstalt. Process and apparatus for continuously producing a high concentration sugar solution.

19th December 1975

2364/Cal/75. United States Energy Research and Development Administration. Photomultiplier tube gain regulating system.

(73)

20th December 1975

- 2365/Cal/75. Magnesium Elektron Limited. Magnesium alloys. (December 30, 1974).
- 2366/Cal/75. Magnesium Elektron Limited. Magnesium alloys. (December 30, 1974). Addition to No. [2365/Cal/75].

22nd December 1975

- 2367/Cal/75. R. K. Bhargava. Avrodhak.
- 2368/Cal/75. M. V. Pantulu. An alternate source of power generation.
- 2369/Cal/75. S. Dass and S. Dutt. Improvements in or relating of power driven sugar-cane-crushers having bear box attachment.
- 2370/Cal/75. F. V. Hecke. Improvements to the regeneration of regenerable aqueous scrubbing solutions used for removing. (December 24, 1974).
- 2371/Cal/75. The Director, All Indian Institute of Medical Sciences. A vaccine for preventing pregnancy. [Divisional date October 14, 1974].

23rd December 1975

- 2372/Cal/75. M. G. TYTGATH. Improved bobbin carriers.
- 2373/Cal/75. Dana Corporation. Method and apparatus for effecting negative point protrusion of a piston ring.
- 2374/Cal/75. Mitsur Toatsu Chemicals, Incorporated. Herbicidal compounds and compositions.
- 2375/Cal/75. Bridgestone Tire Company Limited. Pneumatic Tires for off-Road vehicles.
- 2376/Cal/75. Magnesium Elektron Limited. Magnesium alloys. (December 30, 1974. Addition to No. [2375/Cal/75].
- 2377/Cal/75. The Standard Oil Company. Oxidation catalysts.

24th December 1975

- 2378/Cal/75. Orissa Cement Limited. Process for the manufacture of corrosion resistant zircon refractories.
- 2379/Cal/75. D. P. Chowdhary. Improved bricks.
- 2380/Cal/75. D. P. Chowdhary. Cigarettes matches case. (Cigarettes box and matches and fire catching slip all combined in one case).
- 2381/Cal/75. British Steel Corporation. Improvements in or relating to non-destructive testing. (December 31, 1974).
- 2382/Cal/75. N. A. Ramaiah, (2) H. N. Gupta and R. P. Shukla. NSI rectangular electrical resistance heater for reheating of final massecuite in sugar factories.
- 2383/Cal/75. Council of Scientific and Industrial Research. An improved process for smelting of lead.
- 2384/Cal/75. Ruti-Te Strake B. V. A selfedge forming device for a weaving loom.
- 2385/Cal/75. The General Electric Company Limited. Improvements in or relating to plural frequency signalling systems. (January 21, 1975).
- 2386/Cal/75. Lucas Industries Limited. Electrical system for a battery powered vehicle. (January 21, 1975).
- 2387/Cal/75. Interconnect Planning Corp. Multi station telephone switching system.

2388/Cal/75. Indian Explosives Limited. Multiple fuse igniter.

2389/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to a digital transmissionmeter used in the measurement of turbidity of fluids.

2390/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to anodic phosphating.

2391/Cal/75. Council of Scientific and Industrial Research. Pile boring rig.

APPLICATION FOR PATENTS FILED AT THE
(BOMBAY BRANCH)

9th December 1975

- 354/Bom/75. The Standard Mills Co. Ltd. Process for the removal and recovery of mercury from mercury bearing liquid effluents and a removal-cum-recovery plant therefor.
- 355/Bom/75. Mrs. Shubhangi Waman Khataavkar. A cleaning device.
- 356/Bom/75. M. C. Gandhi. A sealed antiseptic lint-pad for medical and surgical use.
- 357/Bom/75. Ahmedabad Textile Industry's Research Association. Improved process for wet treatment of textile.

10th December 1975

- 358/Bom/75. K. R. Golwalkar & R. D. Askhedkar. Man/Animal driven pump/pumps other than centrifugal pumps.
- 359/Bom/75. G. S. Tasgaonkar. Radiator fan cone clutch.
- 360/Bom/75. Kantilal Baburao Ghosale. Variable dresser for grinding wheel. [Divisional Date—7th Sept. 1975].

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)

15th December 1975

- 199/Mas/75. M. P. Govind. Single multi circuit heat exchanger element with clamped fins.
- 200/Mas/75. M. P. Govind. Finned Type heat exchanger element without tube using aluminium brazing sheets.

18th December 1975

- 201/Mas/75. R. S. Pillai. A device for cooling or drying solids.

19th December 1975

- 202/Mas/75. Kalya (French National) Aeroelectronics. A Rimature logic state indicating apparatus.
- 203/Mas/75. Andre Viozat. An electronic Metronome-cum-Turner with flashing light.
- 204/Mas/75. N. S. V. Sinniah. A Rotary Pump.
- 205/Mas/75. P. Ipe Ipe. Non-skid Rubber based fibre-mats.

20th December 1975

- 206/Mas/75. N. Murly. Double Filament Electric Lamp.
- 207/Mas/75. A. N. Balan. Agricultural Sprayer.

ALTERATION OF DATE

138334.	
919/Cal/75.	Ante-dated to 18th May, 1968.
138335.	
920/Cal/75.	Ante-dated to 18th May, 1968.
138336.	
2276/Cal/74.	Ante-dated to 1st February, 1969.
138337.	
1741/Cal/74.	Ante-dated to 4th October, 1969.
138362.	
1983/Cal/74.	Ante-dated to 14th November, 1962.
138394.	
196/Cal/73.	Ante-dated to 24th January, 1973.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F, + F.b & 55E. I.C.-C07d 27/56. 138334.

PROCESS FOR THE PREPARATION OF INDOLE DERIVATIVES.

JOHN WYETH & BROTHER LIMITED, OF HUNTER-COMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Application No. 919/Cal/75 filed May 8, 1975.

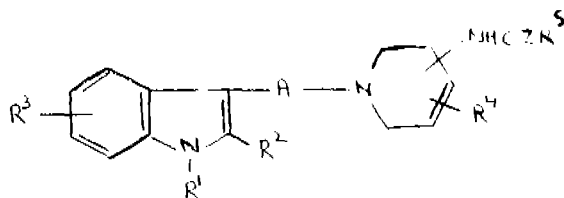
Convention date May 24, 1967 (24256/67) U.K.

Division of Application No. 115974 filed May 18, 1968.

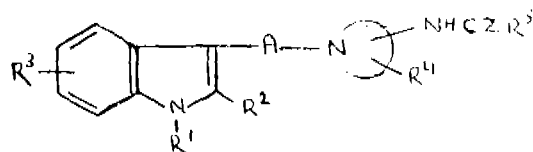
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

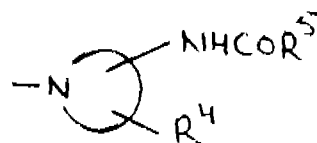
A process for the preparation of new compounds of the general formula I.



in which formula the dotted line represents an optional bond, R¹ represents hydrogen, lower alkyl, lower aralkyl or aroyl, R² represents hydrogen, lower alkyl or aryl, R³ represents hydrogen, halogen, lower alkoxy, hydroxy or lower aralkyl, R⁴ represents hydrogen, halogen or lower alkyl, R⁵ represents aryl (including heteroaryl), lower alkoxy, aryloxy, lower aralkyl, lower aralkyloxy or diaryl-lower alkyl, A represents a lower alkylene radical containing up to 4 carbon atoms X is an oxo group with the proviso that Z may also represent two hydrogen atoms when the optional bond is absent and R³ is aryl, the terms "lower alkyl" and "lower alkoxy" mean the radical contains 1 to 6 carbon atoms and the term "lower aralkyl" means the radical contains 7 to 10 carbon atoms and pharmaceutically acceptable salts thereof characterised by selectively reducing by methods known *per se* a compound of general formula II.



in which ring II(d).



is in a higher oxidation state than the compound desired (where R¹, R², R³, R⁴, A and R⁵ have the meanings defined above and X(−) is an anion.

CLASS 32F.b & 55F. I.C.-C07d, 27/56. 138335.

PROCESS FOR THE PREPARATION OF INDOLE DERIVATIVES.

JOHN WYETH & BROTHER LIMITED, OF HUNTER-COMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Application No. 920/Cal/75 filed May 8, 1975.

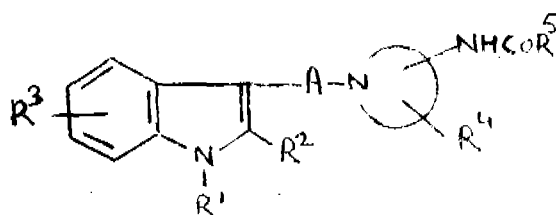
Convention date May 24, 1967 (24256/67) U.K.

Division of Application No. 115974 filed May 18, 1968.

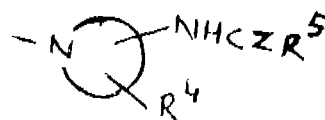
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

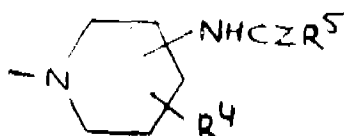
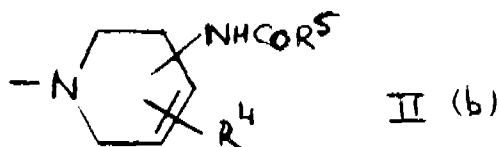
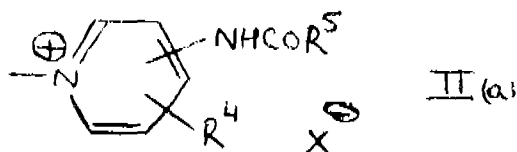
A process for the preparation of new compounds of the general formula I.



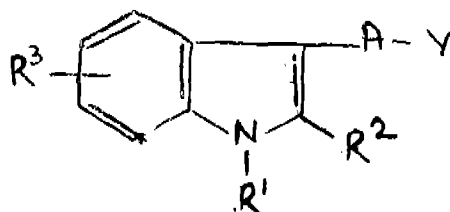
in which formula the ring I(a).



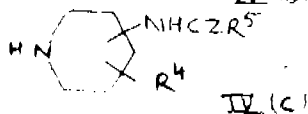
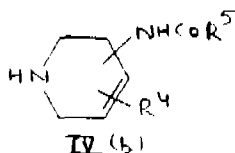
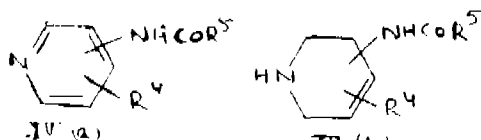
represents a ring system of the general formula IIa, IIb or IIc.



R^1 represents hydrogen, lower alkyl, lower aralkyl or aroyl, R^2 represents hydrogen, lower alkyl or aryl, R^3 represents hydrogen, halogen, lower alkoxy, hydroxy or lower alkyl, R^4 represents hydrogen halogen or lower alkyl, R^5 represents aryl (including heteroaryl), lower alkoxy, aryloxy, lower aralkyl, lower aralkyloxy or diaryl-lower alkyl, X is an anion, A represents a lower alkylene radical containing up to 4 carbon atoms, Z is an oxo group with the proviso that Z in formula IIc may also represent two hydrogen atoms when R^3 is aryl, the terms "lower alkyl" and "lower alkoxy" mean the radical contains 1 to 6 carbon atoms and the term "lower aralkyl" means the radical contains 7 to 10 carbon atoms and pharmaceutically acceptable salts of compounds containing ring system II(b) or II(c), characterised by reacting a compound of the general formula III.



with a compound of the general formula IV(a), IV(b) or IV(c).



(where R^1 , R^2 , R^3 , R^4 , R^5 , A and Z have the meanings defined above and Y is a halogen atom or other radical known in the art to be replaceable by a secondary or tertiary amine radical in reaction with a secondary or tertiary amine.

CLASS 32Fz. I.C. C07c 121/60, C07c 103/22. 138336.

PROCESS FOR THE PREPARATION OF 3-MORPHOLINO-2-CYANOACRYLAMIDES.

THE WELLCOME FOUNDATION LIMITED, OF 183-193 EUSTON ROAD, LONDON, N.W.1, ENGLAND.

Application No. 2276/Cal/74 filed October, 11, 1974.

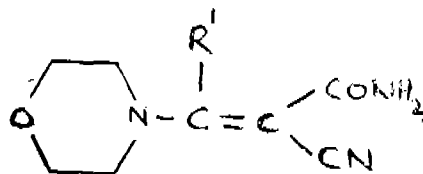
Convention date February 2, 1968 (5397/68) U.K.

Division of Application No. 119644 filed February, 1, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of preparing a compound of formula III.



wherein R^1 is a hydrogen atom or an alkyl group having from 1 to 4 carbon atoms, which comprises reacting a compound $R^2C(OR^3)$, wherein R^2 is an alkyl group having from 1 to 4 carbon atoms and R^3 is as defined above, with cyanoacetamide and morpholine.

CLASS 32F1 + F2b. I.C.-C07d 99/24.

138337.

A PROCESS FOR THE PREPARATION OF A 2-AMIDO-CEPHALOSPORIN.

AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK 10017, NEW YORK, UNITED STATES OF AMERICA.

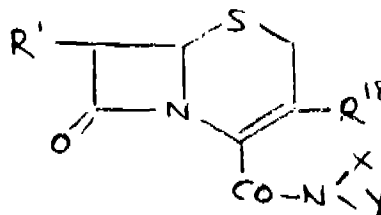
Application No. 1741/Cal/74 filed August, 3, 1974.

Division of Application No. 123431 filed October 4, 1969.

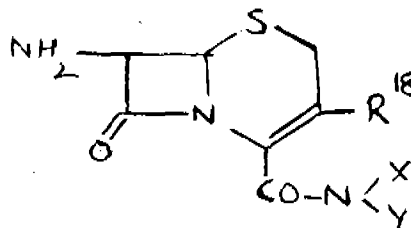
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for the preparation of a 2-amidocephalosporin of the general formula 1.



wherein R^1 is a penicillin or cephalosporin amide group, R^{18} is a methyl, hydroxy-methyl, N-pyridiniumylemethyl or alkanoyloxymethyl group, X and Y are both electron withdrawing groups or X and Y are joined to form an electron withdrawing cyclic group or an acid addition salt thereof; in which a corresponding 2-amido-7-aminocephalosporin acid of general formula II.



wherein X, Y and R¹ are as defined above or an acid addition salt thereof is reacted with an acylating agent to form the desired group R¹.

CLASS 24F & 195F, I.C.-B 60f 15/00, 138338.

IMPROVEMENTS IN OR RELATING TO APPORTIONING VALVES FOR VEHICLE BRAKING SYSTEMS.

CLAYTON DEWANDRE COMPANY LIMITED, OF TITANIC WORKS LINCOLN, ENGLAND.

Application No. 677/Cal/74 filed March 27, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An apportioning valve for use in an air pressure braking system to regulate braking pressure in accordance with vehicle load, comprising means responsive in or input signal a brake valve and loaded by a graduating spring such that it is displaced by the signal pressure over a distance dependent upon the value of said pressure a follow-up valve operable to control flow of pressure air delivered by the brake valve to the brake actuators, said follow-up valve being actuated by said displaceable means through a lever, and means for, displacing the lever fulcrum in accordance with vehicle load thereby to vary the ratio of follow-up valve travel to travel of the displaceable means and so vary the delivered output pressure for a given input signal pressure.

CLASS 32F.b, I.C.-C07d 49/30, 138339.

A METHOD FOR THE PREPARATION OF 5(6)-BENZENE RING SUBSTITUTED BENZIMIDAZOLE-2-CARBAMATE DERIVATIVES HAVING ANTHELMINTIC ACTIVITY.

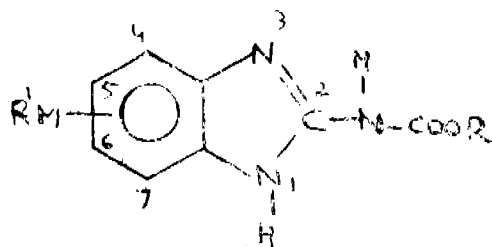
SYNTEX (U.S.A.) INC., OF 3401 HILLVIEW AVENUE, PALO ALTO, CALIFORNIA 94304, UNITED STATES OF AMERICA.

Application No. 593/Cal/74 filed March 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

The method of preparing a compound represented by the formula shown in Fig. 1.



where R is a lower alkyl group having 2 to 4 carbon atoms; R¹ is a heterocyclic ring having 1-4 hetero-atoms; and M is O, S or Se; the R¹ M-substitution being at the 5(6).

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position; said method comprising:

- (1) reacting a 1,2-diamino-4(5)-R¹M-substituted benzene with a 1, 3bis (alkoxycarbonyl)-S-alkyl-asothiourea to afford the compound of formula shown in Fig. 1, optionally oxidizing in a manner such as herein described a 5(6)-substituted this compound of formula 1 to afford the corresponding 5(6)-substituted sulfinyl compound of formula shown in Fig. 1; and optionally converting in a manner such as herein described a compound of Formula 1 to its salt, and optionally,

- (2) replacing in a manner such as herein described the N-hydrogen on said compound of formula shown in Fig. 1 with a substituent which does not adversely affect the anthelmintic and/or antifungal properties of said compound.

CLASS 42D, 92-I, I.C.-A01f 7/00, 138340.

A MACHINE FOR THRESHING TOBACCO AND SEPARATING TOBACCO THRESHED.

ARENCO AKTIEBOLAG, OF SIKTGATAN 11, STOCKHOLM-VALLINGBY, SWEDEN.

Application No. 465/Cal/73 filed March 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A machine for threshing tobacco and separating the tobacco threshed, comprising a threshing chamber having an opening for the supply of tobacco leaves in which chamber a rotating threshing drum is journaled and which chamber by an outlet opening provided with a grid is connected directly with a separating chamber in which air flows upwards carrying the lighter tobacco leaf portions, characterized in that the threshing drum (2.3) is secured to a driven vertically journaled shaft (1) and the separating chamber (23) includes the annular space between the outlet grid opening and an outer substantially tubular casing enclosing the threshing chamber which space extends around all or nearly all the periphery of the threshing chamber.

CLASS 203, I.C.-B65b 17/00, 138341.

IMPROVED INCREMENTAL FEED DEVICE FOR ADVANCING PAPER TAPE, RECORD CARDS AND AN INKED RIBBON IN A PRINTER.

BURROUGHS CORPORATION, OF BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 1877/Cal/73 filed August 14, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An improved unitary feed apparatus for incrementally and concomitantly feeding a plurality of printable media as well as the inked ribbon to a printing device of the type effective for providing printed data output for a computer system, said unitary feed apparatus comprising:

- (a) a motor driven feed gear;
- (b) a rotatably mounted driving member coupled to said feed gear for continuous rotation therewith, said driving member having a first predetermined circumferential toothed configuration;
- (c) a rotatably mounted driven member cooperably disposed relative to said driving member, said driven member having a second predetermined circumferential toothed configuration which in cooperation with said first toothed configuration of said driving member is effective to convert said continuous rotation of said driving member to an incremental rotation of said driven member, and
- (d) a plurality of feed means coupled to said driven member and effective for incrementally advancing said inked ribbon and said plurality of printable media, said incremental advancement of each of said plurality of printable media being effective for establishing the desired spaced apart distance of said printed characters comprising said printed data output.

CLASS 23B & 49-1, I.C.-A 45c. 11/20.

138342.

LUNCH BOX.

MODERN TINPRINTERS & FABRICATORS, OF 176 GWALIOR ROAD, BALU GANJ, AGRA, UTTAR PRADESH, INDIA.

Application No. 1765/Cal/73 filed July, 30, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A lunch box consisting of a lid and a base characterised in that the said lid made of a single aluminium sheet is provided with edges curled and pressed inwardly to fit into the corresponding part of the base tightly, the said lid being pressed tightly over the said base and held fixedly thereto by means of a pair of aluminium clips rivetted to the base.

CLASS 48D, & 68B. I.C.-H02, 11/00.

138343.

FLEXIBLE POWER CONNECTION MEANS FOR TRAVELLING ELEMENTS.

DIAMOND POWER SPECIALTY CORPORATION, OF U.S. ROUTE 22 EAST, LANCASTER, OHIO, UNITED STATES OF AMERICA.

Application No. 224/Cal/74 filed February 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Conductor means of the type which includes a helically coiled flexible member surrounding and suspended upon a supporting rod and axially slidably extensible and contractable on the rod and an actuating portion for moving one end area of the flexible member axially relatively to a remote area thereof to extend and contract the helix, the internal diameter of the helix being substantially greater than the outside diameter of the rod, characterised by an expansion controlling portion movable with said actuating portion and extending into the helix and having portions radially outspaced from the rod and engageable by portions of the flexible member near said one end to oppose relative axial movement between such engageable portions of the flexible member and said actuating portion.

CLASS 206E. I.C.-H04n 5/40.

138344.

A CARRIER CONVERTING EQUIPMENT.

NIPPON HOSO KYOKAI OF NO. 2-1, 2-CHOME, JIN-NAN, SHIBUYA-KU, TOKYO, JAPAN.

Application No. 2630/Cal/73 filed November 29, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A carrier converting equipment for converting an amplitude modulated signal of a first carrier into a corresponding amplitude modulation signal of a second carrier wave of which frequency is different from that of the first signal, the equipment comprising means for applying said first and second carrier waves to a non linear element, and

means for deriving amplitude modulated second carrier wave modulated in accordance with variation of conductance of said non-linear element of which variation corresponds to amplitude variation of said amplitude modulated first carrier wave so that the second carrier wave is amplitude modulated according to the amplitude of the first carrier wave.

CLASS 136E + F & L. I.C.-B29j 1/00, B30b 13/00, 15/04, 138345.

MOLD APPARATUS.

SOCIETE FIVES LILLE-CAILL, OF 7, RUE MONTALIVET, 75383 PARIS, CEDEX 08, FRANCE.

Application No. 1982/Cal/73 filed August, 29, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A molding apparatus comprising a vibratory mold having an open top, a cover plate reciprocable through a vertical stroke into and out of the open top of the mold, lifting means such as herein described for reciprocating the cover plate and co-operating guide means such as herein described mounted on the mold and the cover plate and arranged as herein described to guide the cover plate during the vertical stroke just before it enters into the mold and to prevent as herein described any but vertical movements between the mold and the cover plate when the cover plate is within the mold, the operative length of the guide means being less than the length of the vertical stroke.

CLASS 144E₂ + E₃ + E₄. I.C.-C09d 3/16, 3/48, 5/02, 5/08.

138346.

MANUFACTURE OF PIGMENTLESS WHITE PAINT.

KAUSHAL KUMAR, OF 12B SHIVAJI MARG, LUCKNOW-226001, UTTAR PRADESH, INDIA.

Application No. 1917/Cal/73 filed August 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

A process for the manufacture of Pigmentless White Paint which comprises dissolving nitrocellulose cotton in a first solvent such as herein described having solubility parameter range of from 8 to 14.5, Vigorously stirring the solution to obtain a colourless solution, adding one or more resins to the said solution with plasticiser such as herein described and then further adding a second solvent such as herein described having solubility parameter range from 11 to 12.6 with constant stirring after which the solution is allowed to stand.

CLASS 160-C. I.C.-B60J 1/04.

138347.

WIPER DRIVE ARRANGEMENT ESPECIALLY BUT NOT EXCLUSIVELY ADAPTED FOR WINDSCREENS AND HEADLAMPS OF MOTOR VEHICLES.

THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, 19, ENGLAND.

Application No. 663/Cal/73 filed March 24, 1973.

Convention date March 24, 1972 (13853/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A wiper drive arrangement comprising a drive member rotatable about a first axis, a driven member mounted for rotation relative to the drive member about a second axis parallel to and spaced from the first axis, said driven member being disposed on one side of the drive member releasable latch means coupling the driven member to the drive member for rotation therewith about said first axis, a coupling assembly for transmitting motion of the driven member to a wiper arm in use, said coupling assembly including a link pivotally attached to the driven member about a third axis which is spaced from

and parallel to the first and second axis, said link being disposed on the same side of the drive member as the driven member, a solenoid-operated device operable to cause release of said latch means so that relative movement can occur between the drive member and the driven member about said second axis, and stop means operable when said latch means is released to prevent rotation of the driven member, the arrangement being such that, in use, when said driven member and said drive member are coupled by said latch means then rotation of the drive member causes reciprocatory movement of said wiper arm through a predetermined stroke whereas upon-release of said latch means and arrest of the driven member against rotation then further rotation of the drive member causes, by virtue of the spacing of the first and second axis, lateral movement of the driven member and therefore movement of the wiper beyond the limit of said predetermined stroke.

CLASS 68E, I.C.-A47j 27/00.

138348.

AN AUTOMATIC COOKING DEVICE.

DENDULURI VENKATA RAMA SESHADRI OF NO. 1 LOOP ROAD, INDIAN INSTITUTE OF TECHNOLOGY, I.I.T.P.O., MADRAS-36, TAMIL NADU, INDIA.

Application No. 27/MAS/1972 filed November 9, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

14 Claims.

An automatic cooking device consisting of a container for storing a liquid of good electrical conductance and for dispensing of same under gravity; a receptacle, disposed below said container, in which spaced terminals of an electrical circuit, connected to a source of electric power, are locatable so as to cause the said circuit to be complete and supply power when the level of said liquid deposited by said container in the said receptacle rises to establish electrical contact between the said terminals; a toaster capable of being heated by power from said circuit, comprising a housing for enabling food substances to be disposed within it at an inclination so as to permit said substances to slide out under gravity, said housing being provided with a movable spring-loaded plate adapted, in its non-actuated state, to prevent said substances from sliding out; a time switch operable by power from said circuit to energise, on the completion of the period of time set thereon, means for actuating the said plate, so as to permit said substances to slide out in a toasted condition; an idli-steaming chamber capable of being heated by power from said circuit, comprising a funnel adapted to convey dough, when deposited in the said funnel, into said chamber; a cistern, for storing said dough, provided with a first normally closed magnetically operable tap disposed over said funnel; a first electro-magnet capable of being energised by power from said circuit to magnetically operate said first tap, to cause the dough to flow into said funnel and, thence into said chamber for being steamed into idlies; a vessel for preparing and dispensing a beverage provided with a second normally closed magnetically operable tap, said vessel being provided with a stirrer for mixing ingredients of said beverage; a motor capable of being energised by power from said circuit and coupled to the stirrer for driving the said stirrer; a second electro-magnet adapted, when energised, to magnetically operate said second tap; a base-board mounted below said second tap and adapted, to be actuated by the weight of a cup when placed thereon for receiving said beverage, to energise the said second electro-magnet by power from said circuit.

CLASS 139D & 40E, I.C.-C01b 1/00.

138349.

METHOD FOR PURIFICATION OF MERCURY CONTAINING GASES, PARTICULARLY HYDROGEN.

NATIONAL ORGANIC CHEMICAL INDUSTRIES LIMITED, OF MAFATLAL CENTRE, NARIMAN POINT, BOMBAY-1 (BR), MAHARASHTRA, INDIA.

Application No. 70/BOM/1973 filed February 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims. No drawings.

Method for the purification of mercury containing gases, particularly hydrogen, which comprises leading the mercury containing gases through a catalyst bed of cation resin in silver form prepared from used cation resin from demin water plant which is regenerated to H form by treatment with 4% sulphuric acid, the regenerated resin being allowed to soak in silver nitrate solution for an hour and thereafter washed with demin water.

CLASS 32-C, I.C.-C07g 3/00.

138350.

A PROCESS FOR THE PRODUCTION OF A LACTONIC GLYCOSIDE FROM *NERIUM INDICUM* MILL. (SYN. *N. ODORUM* SON).

THE DIRECTOR CENTRAL COUNCIL FOR RESEARCH IN INDIAN MEDICINE AND HOMOEOPATHY, E-25, DEFENCE COLONY, NEW DELHI-110024, INDIA.

Application No. 2181/Cal/73 filed September, 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A process, for isolating an unsaturated lactonic glycoside of molecular formula $C_{24}H_{36}O_{12}$ with m.p. of 224-5°C in which a reducing sugar molecule is linked with a lactone, plumericin, from *Nerium indicum* consists in extracting the plant with water or one or more organic solvents such as ethyl acetate, dioxan, acetone, methyl and ethyl alcohol, concentrating the extracts in order to obtain a residue therefrom, filtering and washing with ethylacetate, methyl alcohol or ethyl alcohol the residue repeatedly and thereafter purifying it by fractional crystallisation.

CLASS 102D, I.C.-F 15b.

138351.

HYDRAULIC VIBRATOR FOR ACTUATOR DRIVE.

KUIBYSHEVSKY ZAVOD KOORDINATNO-RASTOCHNYKH STANKOV, OF KUIBYSHEV, U.S.S.R.

Application No. 456/Cal/74 filed March 2, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A hydraulic vibrator of the actuator drive, comprising a casing; a differential piston arranged in said casing and having two portions of different diameters; a two-plunger slide valve arranged coaxially in said piston; three chambers formed by said casing and differential piston; the first one arranged between the lateral surface of the casing and the lateral surface of said piston portion of a smaller diameter and communicating with a force main, the second one arranged between the casing and one of the butts of said differential piston and communicating with a drain line, and the third one arranged between the other butt of said differential piston and said casing and communicating by means of said slide valve, with said first and second chambers in succession; two additional closed chambers formed in said differential piston from the side of the butts of said slide valve, throttles of a constant section through which said additional chambers communicate with said first chamber; throttles of a variable section through which said additional chambers communicate with said second chamber.

CLASS 32F, I.C.-C07d 85/00

138352.

PROCESS FOR THE PREPARATION OF DIETHYLDITHIO-PHOSPHORYL-METHYLORO-BENZOXAZOLONE.

RHONE-POULENC S.A., OF 22, AVENUE MONTAIGNE, PARIS 8E, FRANCE.

Application No. 1433/Cal/74 filed June 27, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Process for the preparation of 3-(O, O-diethyldithiophosphorylmethyl)-6-chloro-benzoxazolone which comprises condensing an alkali metal or the ammonium salt of O, O-diethyldithiophosphoric acid, formaldehyde and 6-chloro-benzoxazolone in a single step in the presence of methanesulphonic acid.

CLASS 129H, I.C.-B23d 3/00, 5/00. 138353.

METHOD AND APPARATUS FOR SLOTTING STRIP MATERIAL.

COMALCO (J. & S.) PTY. LIMITED, OF 95, COLLINS STREET, MELBOURNE, STATE OF VICTORIA, COMMONWEALTH OF AUSTRALIA.

Application No. 1568/Cal/73 filed July 5, 1973.

Convention date July 17, 1972/(PA 9721/72) Australia.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A method of forming longitudinally extending slots in strip material having a constant cross-sectional shape, comprising:

driving the strip in the direction of its longitudinal axis and at right angles to the axis of a series of co-axial slotting rollers and through a cutting zone existing between the rollers and back-up means, each of said slotting rollers having at least one radial projection extending around its or part but not all of its circumference,

and simultaneously driving the slotting rollers rotationally, thereby causing said projections to shear slugs from the strip material so as to form said slots in the strip material.

CLASS 87A, I.C.-A63b 21/02. 138354.

PHYSICAL EXERCISE DEVICE.

MRS. KAMLA CHIKARA, HAZARI BAGH, BIHAR, INDIA.

Application No. 391/Cal/73 filed February 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A physical exercise device comprising at least two sets of tubes provided in spaced relation to each other, each set of tubes consisting of a male and a female tube and such that the male tube can be telescopically disposed within the female tube, a spring disposed within the female tube, a handle provided at either ends of said sets of tubes, a first and second chord or tubing extending from said handles, at least one loop with each of said chords or tubings a string held to one handle with a hand grip having four loops and another string held to the other handle with one loop for inserting the four fingers and the thumb of a hand, thereby enabling additional exercise to be carried out.

CLASS 69D + G. & I I.C.-H01h 9/00, 9/16, 51/00. 138355.

AN ELECTRICAL SWITCHING DEVICE.

SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, GERMANY (WEST).

Application No. 1955/Cal/73 filed August 24, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

An electrical switching device comprising relatively movable contact members, an arc chamber enclosing the contact members, an indicating member mounted with a part thereof extending into the space within the arc chamber and in such manner that the indicating member can be moved to a limited extent in the directions of the relative movement of said contact members, and spring means arranged to urge the indicating member towards one limit of the movement of said member, the indicating member comprising two attached portions which are, or were before manufacture of the device was completed, adjustably movable in said directions in relation to one another and the arrangement being such that, the said two portions of the indicating member having been properly adjusted relative movement of said contact members results in movement of the indicating member which thereby provided an indication, visible from outside the arc chamber, of the switching state.

CLASS 128A, I.C.-A61f 13/16, 13/18, 13/20. 138356.

ABSORBENT DRESSING.

PERSONAL PRODUCTS COMPANY, AT MILLTOWN, NEW JERSEY, U.S.A.

Application No. 811/Cal/73 filed April 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An absorbent dressing having improved fluid absorptive properties comprising a compressed body comprised of absorbent fibers of an alkali metal salt of carboxyalkyl cellulose having an average degree of substitution greater than about 0.35 carboxyalkyl radicals per anhydroglucose residue in the cellulose, said absorbent fibers of an alkali metal salt of carboxyalkyl cellulose being heat treated so as to become insoluble but swellable in water at room temperature.

CLASS 62D & 155B, I.C.-D06m 11/00, 13/00, 15/00.

138357.

A PROCESS FOR CONTINUOUS TREATMENT OF A TEXTILE FIBRE BAND OR THE LIKE WITH AN IMPREGNATION LIQUID.

PAVENA A.G., OF ST. ALBANGRABEN 8, BASLE, SWITZERLAND.

Application No. 2666/Cal/73 filed December 6, 1973.

Convention date December 8, 1972/(56880/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for continuous treatment of a fibre arrangement formed of textile fibres with an impregnation liquid such as herein described, comprising the steps of introducing the impregnation liquid into the fibre arrangement, delivering an impregnated band formed of said textile fibres, introducing the impregnated moist band into a heated closed compartment containing a vapour atmosphere which is essentially at atmospheric pressure, the said band being introduced without contact through an inlet opening into the closed compartment, removing vapour from the closed compartment by condensing vapour in a condensation compartment, the said vapour passing in countercurrent to the newly introduced band and then

flowing by the inlet opening into the condensation compartment, subjecting the moist band immediately after the introduction of the band into the vapour atmosphere to a shock-like condensation of liquid at the band, the vapour flowing by the inlet opening causing a pressure difference between the surroundings and the closed compartment at the inlet opening, separating the vapour atmosphere from the surroundings by sucking-in ambient air through the inlet opening, and drying the band after the condensation by evaporating the liquid.

CLASS 1C. I.C.-C08b 19/00, 19/16.

138358.

PROCESS FOR THE PREPARATION OF "SUPERIOR QUALITY OF AGAR FROM INDIAN RED SEAWEED" (*GELIDIELLA ACEROSA* FROM DEOKI).

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Application No. 183/Cal/74 filed January 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A process for the preparation of agar from Indian Red Seaweed, namely *Gelidiella acerosa* collected from *Deoki, Dhamle* region of Veraval coast in Saurashtra which consists in

- (i) pretreatment such as shredding, soaking and wet grinding of the seaweed,
- (ii) pressure extraction of the pulp at 10 p.s.i.g. for 2 hours in an autoclave after adjusting the pH to 5.8—6.0 with 1 N sulphuric acid,
- (iii) filtration of the hot extract using diatomaceous earth in a pressure filter,
- (iv) freezing-thawing of agar Gel, and purification of the crude agar by redissolving in distilled water and repeated freeze-thawing.

CLASS 32E + Fa. I.C.-C07C 43/22.

138359.

PROCESS FOR PREPARING LOW MOLECULAR WEIGHT POLYGLYCIDYL ETHERS.

INVENTA AG FÜR FORSCHUNG UND PATENTVERWERTUNG, OF STAMPFENBACHSTRASSE 38, ZÜRICH, 6 SWITZERLAND.

Application No. 330/Cal/74 filed February 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

Process for preparing low-molecular-weight polyglycidyl ethers of polyvalent phenols by catalytic etherification (giving at least 60% etherification of the phenolic hydroxyl groups) of a polyvalent phenol with 3 to 8 equivalents of epichlorohydrin per phenolic OH group and subsequent alkali treatment of the mixture obtained in this way, characterised in that this alkali treatment is carried out with an aqueous alkali solution containing 0.5—0.98 equivalent of alkali compound per phenolic hydroxyl group and the concentration of which is not greater than the saturation concentration of the salt formed (during the alkali treatment) at the actual temperature of at least 50°C of the reaction mixture.

CLASS 85Q. I.C.-F27b 7/00.

138360.

IMPROVEMENTS IN PLANT FOR BURNING GRANULAR OR PULVEROUS MATERIAL.

F. L. SMIDT & CO. A/S, OF 77, VIGERSLEV ALLE, COPENHAGEN-VALBY, DENMARK.
2—427 GI/75

Application No. 873/Cal/74, filed April 17, 1974.

Convention date April 30, 1973/(20463/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A plant for burning of granular or pulverous material, the plant comprising a preheater consisting of at least two cooperating units each with its own inlet and outlet for heating gas or air and with its own raw material inlet, a kiln to which preheated raw material is fed from the preheater, and a cooler for cooling the material burnt in the kiln, wherein heated cooling air leaving the cooler is divided so that a part is led as combustion air to a burner of the kiln and a part is led to the air inlet of one preheater unit, the gas inlet of another preheater unit being connected to an exhaust gas outlet from the kiln, and the preheater units each having at or near its gas or air outlet its own means for controlling the air or gas flow through that unit and hence the division of the heated cooling air.

CLASS 67C. I.C.-G06f 15/00.

138361.

MULTI-LEVEL INFORMATION PROCESSING SYSTEM.

BURROUGHS CORPORATION, OF BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 1076/Cal/74 filed May 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A multi-processing modular data processing system comprising:

a plurality of memory modules connected together to provide a multi-accessible main memory for storing data and control information;

a plurality of central processing modules for processing said data in accordance with said control information;

a plurality of input/output modules for data transfer;

means associated with said plurality of central processor modules and said input/output modules for providing access to said main memory; and

means associated with each of said memory modules, said central processor modules and said input/output modules for detecting and reporting errors within said respective modules.

CLASS 32F. I.C.-C07c 25/08.

138362.

A PROCESS FOR THE PREPARATION OF DIHALOGENO-AMINO-BENZYL-AMINES.

DR. KARL THOMAE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, OF BIBERACH AN DER RISS, FEDERAL REPUBLIC OF GERMANY.

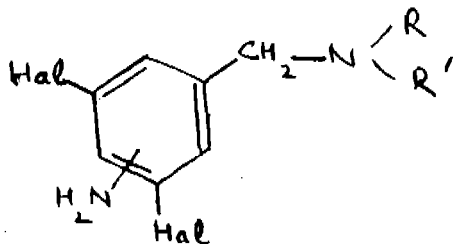
Application No. 1983/Cal/74 filed September 4, 1974.

Division of application No. 85113 filed November 14, 1962.

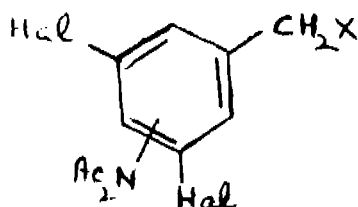
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

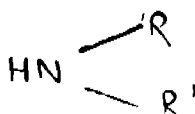
A process for the preparation of dihalogeno-amino-benzylamines of the general formula I.



in which R' represents a lower acyclic aliphatic group, or a cycloalkyl, aralkyl or aryl group; and R represents hydrogen or any of the groups which may be represented by R'; or R and R', together with the adjacent nitrogen-atoms, represent a pyrrolidinyl, piperidino or camphidinyl (i.e. 3', 5'-ethylene-3', 4', 4'-trimethyl-piperidino) group, or a lower alkyl-substituted pyrrolidinyl, piperidino or camphidinyl group; and Hal represents chlorine or bromine and non-toxic acid addition salts thereof, which comprises reacting a dihalogeno-diacylamino-benzyl halide of the formula II.



in which Hal is as defined above, X represents chlorine or bromine and Ac represents an acyl group, which an amine of the formula III.



in which R and R' are as defined in claim 1, in the presence of a hydrogen halide-binding agent, deacylating by means of hydrolysis the compound so formed and, if desired, converting by adding an acid the product to the non-toxic acid addition salt.

CLASS 155B & 155F₂. I.C. DO6m; 13/00. 138363.

A PROCESS FOR TREATING TEXTILE MATERIALS TO IMPART DURABLE PRESS PROPERTIES.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Application No. 1587/72 filed October 7, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A process for the treatment of textile materials to impart durable press properties by treating the textile materials with n-methylol type resin/s, softeners, wetting agent and catalyst having boric acid as a component and heat treating the so treated textile materials to about its natural moisture content, and if desired continuing the heat treatment immediately after or after substantial interval of time at temperatures in the range of 60 and 180°C to obtain complete reaction characterised in that the catalyst consisting of an admixture of boric acid and calcium chloride is used.

CLASS 64B₃. I.C.-H01r 23/00.

138364.

ONE PIECE FREE STANDING TERMINAL ADAPTED FOR USE WITH A CIRCUIT BOARD.

BUNKER RAMO CORPORATION, OF 900 COMMERCE DRIVE, OAK BROOK, ILLINOIS, UNITED STATES OF AMERICA.

Application No. 159/Ca/73 filed January, 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A one piece free standing terminal adapted for use with a circuit board having a terminal receiving opening formed therein comprising: a contact portion having a single pair of bows bent to form a lead receiving funnel terminating in a contact throat; a seating flange; a resilient neck connecting said contact portion to said seating flange; a terminal retention area shaped to coact with the terminal receiving opening in said board to frictionally retain the terminal in the board; and a tail extending from said terminal retention area and adapted to have a conductor connected thereto.

CLASS 39G & 40F. I.C.-C01f; 7/56.

138365.

PROCESS FOR THE RECOVERY OF ALUMINUM CHLORIDE FROM A GAS CONTAINING GASEOUS ALUMINUM CHLORIDE.

ALUMINUM COMPANY OF AMERICA, OF ALCOA BUILDING, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1363/72 filed September 8, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Process for the recovery of aluminum chloride from a gas containing gaseous aluminum chloride, comprising the steps of desubliming said gaseous aluminum chloride on a self-replenishing fluidized aluminum chloride particle bed maintained at a temperature below the upper ambient desublimation temperature of aluminum chloride, and removing flowable particles of aluminum chloride from said fluidized bed.

CLASS 195-D. I.C.-F16k 3/00.

138366.

FLUID CONTROL VALVES.

ACF INDUSTRIES INCORPORATED, OF 750 THIRD AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Application No. 2647/Ca/73 filed December 4, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A fluid control valve comprising a valve body, a valve movable between open and closed positions in the body, a steam operably connected to the valve, biasing means continuously biasing the valve and stem towards one of said positions, a temperature responsive device operable when a predetermined temperature is attained to allow movement of the valve and stem towards said one position, said temperature responsive device including a body formed from fusible material, said body being maintained under compression by said biasing means and restricted passage means through which said fusible material flows when said predetermined temperature is attained.

CLASS 39E. I.C.-C22b; 3/00.

138367.

Application No. 1174/Cal/73 filed May 19, 1973.

PROCESS FOR THE PRODUCTION OF PNEUMATICALLY FEEDABLE ANHYDRITE.**BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.**

Application No. 138/Cal/73 filed January, 18, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

In the process of producing synthetic anhydrite from kiln residue which is formed during hydrogen fluoride production by the reaction of fluorspar with concentrated sulphuric acid in a hot furnace, the improved method of producing pneumatically transferable, free-flowing, synthetic anhydrite which comprises adding a neutralizing agent, e.g. calcium oxide, calcium hydroxide or a mixture thereof to said kiln residue after removal from said furnace and while at a temperature between about 150 and 200°C evaporation cooling the hot mixture with water, water vapour or a mixture thereof down to a temperature of below 150 up to 80°C and then grinding said kiln residue after water vapour removal.

CLASS 186E. I.C.-H05k 11/00.

138368.

A COLOR IMAGE COMPOSITE SIGNAL TRANSLATING SYSTEM.**RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK 10020, UNITED STATES OF AMERICA.**

Application No. 923/Cal/73 filed April 18, 1973.

Convention date April 19, 1972 (18036/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A color image composite signal translating system, with a source of signals representative of the luminance of said color image when analyzed by a line scanning process of a given line scanning frequency, and occupying a band of frequencies inclusive of a given frequency band as well as a band of frequencies lower than said given frequency band; characterized by means (20, 31; 35; 250, 250C, 261, 363) for subjecting said luminance representative signals to signal component removal at a first plurality of regularly spaced spectral locations throughout said given frequency band, each of said plurality of spectral locations substantially corresponding to a different non-integral multiple of said line scanning frequency; means (20, 43, 45; 210, 220, 231, 233, 235) for developing signals representative of the chrominance of said color image and occupying only said given frequency band; said chrominance signal developing means including comb filter means (31, 33; 241, 243) for subjecting said chrominance representative signals to signal component removal at a second plurality of regularly spaced spectral locations, each of said second plurality of spectral locations substantially corresponding to a different integral multiple of said line scanning frequency; and means (50, 270) for combining the outputs of said luminance signal subjecting means and said chrominance signal developing means to form a composite signal in which luminance representative signal components and chrominance representative signal components share said given frequency band in substantially non-overlapping, inter-leaved relationship.

CLASS 32F.b. I.C.-C07c 103/20, 103/30, C07d 99/00.

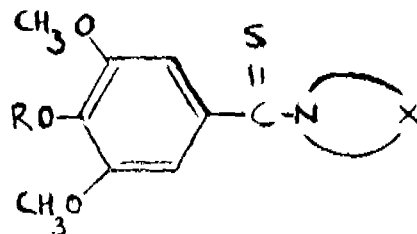
138369.

PROCESS FOR THE PREPARATION OF THIOAMIDES OF 4-SUBSTITUTED SYRINGIC ACID.**I.S.F. S.P.A., OF VIA CALATAFIMI 5-9, MILAN, ITALY.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

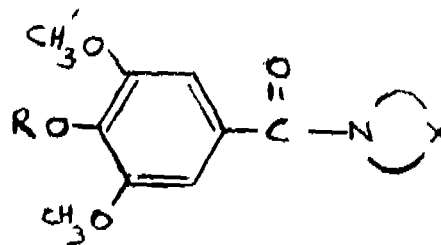
A process for the preparation of a thioamide of the general formula I.



wherein R represents CH_3 , C_2H_5 , CH_3CO , or $\text{C}_2\text{H}_5\text{OCO}$; and the group of the formula shown in Fig. 1.



represents the residue of a saturated cyclic secondary amine having from 4 to 7 atoms in the ring, and X stands for $-\text{CH}_2-$, $-\text{O}-$, $-\text{S}-$ or $-\text{NH}-$, which process comprises reacting a tertiary amide of the general formula IV.



wherein R and X are as defined above with an excess of phosphorous pentasulphide.

CLASS 206-C + E. I.C.-G01c 21/00.

13837

APPARATUS FOR CHECKING AND CORRECTING THE HEADING ALIGNMENT OF AN INERTIAL PLATFORM CARRIED BY A VEHICLE.**FERRANTI LIMITED, OF HOLLINWOOD IN THE COUNTY OF LANCASHIRE, ENGLAND.**

Application No. 1151/Cal/74 filed May 25, 1974.

Convention date June 12, 1973 (27989/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Apparatus for checking and correcting the heading alignment of an inertial platform carried by a vehicle by comparison with a base station having equipment for determining orientation of a datum line at the base station relative to fixed reference direction, which includes a sighting mark carried on image of the sighting mark may be visible to observer located in the vehicle only when the vehicle is located.

on a base line extending substantially normal to the mirror and at a fixed known angle relative to the datum line, an aiming mark carried on the vehicle and movable so as to be capable of alignment with the image of the sighting mark formed in the mirror, pick-off means for developing an electrical signal indicative of the position of the aiming mark relative to the fore-and-aft axis of the vehicle, and a navigation computer carried by the vehicle and responsive to the said electrical signals and to further signals indicating the heading of the datum line and the base line relative to the reference direction to check and correct the heading alignment of the vehicle inertial platform.

CLASS 32E. I.C.-C08f 1/00.

138371.

A PROCESS FOR PREPARING IMPACT RESISTANT POLYMERIC COMPOSITIONS.

MONTECATINI EDISON S.P.A. OF 31, FORO BUONAPARTE, MILAN, ITALY.

Application No. 1475/72 filed September 21, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A process for preparing impact resistant polymeric compositions consisting of

- (a) vinyl chloride homopolymers;
- (b) graft copolymers of vinyl chloride on unsaturated olefinic elastomers consisting of copolymers of ethylene with alpha-olefins and minor percentages of cyclic or acyclic dienes of polyenes with conjugates or non-conjugated double bonds, said graft copolymers having a polyvinyl chloride content between 15% and 60% weight.
- (c) unmodified olefinic elastomer; and showing melt index values greater than 1 (measurement effected according to ASTM D 1238 rule at 185°C with a load of 23.5 kg and referred to compositions with a content of total rubber, resulting from the sum of the olefinic elastomer present in the graft copolymer and the unmodified olefinic elastomer, comprised between 5% and 15% which process comprises graft polymerization of vinyl chloride onto unsaturated olefinic elastomers by methods known *per se* and stoppage of graft polymerization at vinyl chloride.

conversions below 70% wherein the aforesaid compositions comprise 30.95% component a), 1-2% of component c), while component b) is the complement to make up 100, the content of total rubber being comprised between 2% and 60% by weight.

CLASS 28A + 107E + G. I.C.-F01m 3/00, 3/10. 138372.

BURNER FOR BURNING EXHAUST GASES OF INTERNAL COMBUSTION ENGINES.

DR. HARBANSH BAHADUR MATHUR OF I.T. CAMPUS, HAUZ KHAS, NEW DELHI-29, INDIA.

Application No. 1776/72 filed October 30, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An after burner for internal combustion engines comprising a chamber, an inlet and an outlet, said inlet adapted to allow the exhaust gases of an engine to flow into said chamber, a catalyst bed and a spark plug provided within said chamber enabling the unburnt hydrocarbons and carbon monoxide in exhaust effluent to burn, and a by pass valve adapted to be opened upon the temperature within said chamber exceeding a predetermined range.

CLASS 113B. I.C.-F23q 7/00.

138373.

A CIGARETTE LIGHTER FOR USE IN AUTOMOBILES.

SHUNMUGAM MURUGAVEL SUNMUGAVEL OF 44, G.A. ROAD, MADRAS-6000021, TAMILNADU, INDIA.

Application No. 88/MAS/74 filed on May 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A cigarette lighter for use in automobiles comprising a housing having air vents for air circulation, said housing accommodating, at one end thereof, a heater-coil mounted on a thermally and electrically insulating base; a first terminal provided for, and insulated from, the housing, said terminal being fixed to one end of the said heater-coil for connecting the said end of the coil to one pole of a source of electric power, such as, the automobile battery; a second terminal provided within, and out of electrical contact from the housing, said second terminal being fixed to the other hand of said heater-coil; and a spring-loaded electrically conducting collar movably attached to the housing at the opposite end thereof, said collar, which has part of its internal periphery of a tapering configuration, being electrically connected to the other pole of the said source of electric power, the arrangement being such that when a cigarette is inserted into the housing through the collar so as to come into contact with the heater coil and the collar is manually depressed the tapering periphery of the said collar is urged against the second terminal to achieve firm contact therewith, to complete the circuit of the said heater-coil and light the said cigarette, the said collar, when released, being adapted under spring tension, to revert to its non-depressed position to break the said circuit.

CLASS 187B & Fa. I.C. HO4m. 1/23.

138374.

A DEVICE FOR USE WITH TELEPHONES FOR TRANSMITTING ELECTRICAL IMPULSES, CORRESPONDING TO THE DIGITS OF THE TELEPHONE NUMBER TO BE CALLED, TO THE TELEPHONE EXCHANGE.

RAMASWAMY KALYANA VISWANATH OF 26, NEWBRAYS ROAD, MADRAS-18, (2) VAIDYANATHAN SUBRAMANIAN OF 20, SULLIVAN GARDEN STREET, MADRAS-4, (3) NARAYANAN KUMAR OF 115/2, NEWBRAYS ROAD, MADRAS-18, TAMIL NADU, INDIA.

Application No. 113/MAS/74 filed July 3, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

9 Claims

A device for use with a telephone for transmitting electrical impulses, corresponding to the digits of telephone numbers to be called to the telephone exchange, comprising a pulse oscillator and a relay drive amplifier having a pulse output; a break-and-make relay operable by said pulse output to transmit electrical impulses through the circuit of said telephone to said exchange; a counter, operable by said relay, to count said impulses; a decoder operable by said counter and having ten output lines numerically designated 1, 2, 3, ..., 8, 9, 0 at each of which lines the production of a numerically equivalent count of said impulses is registered; a control unit comprising set-reset flip flops respectively operable by such of the output lines of said decoder as numerically correspond to a given telephone number to successively shift from a set to an unset state; a delay timer capable of being triggered, wherever a flip-flop unsets, to wipe out the existing count on said counter; means operable by the delay timer, when triggered, to cut off said pulse output from the said relay over a definite period of time so as to permit the said relay and counter to resume operation on the completion of said period, such that as each flip-flop shifts from its set to an unset state a train of impulses corresponding to the count registered at the operative output line of the said decoder are transmitted on said circuit to said exchange all such trains of impulses corresponding to the digits of the given telephone number and being spaced from each other by the said period of time.

CLASS 22. I.C.-B31d 3/04.

138375

PROTECTED CONTAINER AND A PROCESS FOR
PREPARING SAMESEKISUI KASEIHIN KOGYO KABUSHIKI KAISHA,
OF 25, 1-CHOME, MINAMIKYOBATE-CHO, NARA-SHI,
NARA-KEN, JAPAN.

Application No. 641/Cal/74 filed March 23, 1974.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A protected container comprising a container and a foamed styrenic resin sheet covering said container, said sheet forming a sleeve surrounding at least a portion of said container and closely contacting the surface of the surrounded portion of the container, said portion including at least two surface portions adversely tapered in the container, whereby the sheet firmly secured to the container wherein the sheet has provided a number of holes therein, the peripheries of said holes being partly warped in the outward direction of the container and hardened by decrease in foams compared with the remaining portion of the sheet.

CLASS 27-L. I.C.-E04H 1/00.

138376

MODULAR BUILDING STRUCTURE

EDWARD DAVID KELBISH, OF 280 VANDERBILT
AVENUE, BROOKLYN, NEW YORK-11205, UNITED
STATES OF AMERICA.

Application No. 350/Cal/73 filed February 17, 1973.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A modular building structure employing a plurality of pre-formed box-shaped modular units, of a similar shape, adapted for interconnected assembly to form a habitable multi-level structure; each of said units comprising a roof, floor, side walls and columns cast as a single unit; said units being positioned to form a building structure in a partial by-pass relationship to similar and adjacent units on the same level, and stacked in a partial overlap and partial staggered relationship to similar units on the adjacent lower and upper levels; said units being vertically stacked over each other and supported by means of a plurality of vertically and horizontally aligned interior columns which frame and define the area of the partial unit overlap, and by vertically aligned exterior perimeter columns in the partially staggered unit areas; said columns being vertically aligned from one level to another by means of bearing plates with vertically positioned alignment prongs or shafts being inserted into vertical preformed recess sleeves which are cast into the upper and lower bearing surfaces of each column; said columns being horizontally aligned from one module to another by means of double-width bearing plates which interlock the common and adjacent interior columns of the horizontally placed modular units in the area of the partial by-pass; said units having a level and contiguous floor alignment with the floor of the areas created by the staggered units, by means of a depressed roof slab in the area of the unit overlap, approximately equal in depth to the thickness of the floor slab, and recessed column bearing seats for each exterior perimeter column approximately equal to the thickness of the floor slab.

CLASS 10F. I.C.-F42b 15/00.

138377

SOLID FUEL ROCKET ENGINE

SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS,
OF 12, QUAI HENRI IV, 75181 PARIS CEDEX 04,
FRANCE.

Application No. 474/Cal/73 filed March 3, 1973.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A solid fuel rocket engine including at least one block of propellant fuel, which has been pre-shaped before inserting it into the body of the engine and in which the thickening of the walls of the body necessary for attaching thereto a mechanical part at least one of its ends is located on the inside of the body with no increase in the external dimensions of the body, the body thus defining a combustion chamber which is of reduced cross-section at the end through which the block of propellant fuel is inserted into the chamber, the block having an end portion of correspondingly reduced cross-section and the external dimensions of the remainder of the block being greater than the cross-sectional dimensions of said end of reduced cross-section.

CLASS 120C₁ & 205G. I.C.-B60C 19/06.

138378

IMPROVEMENTS IN OR RELATING TO PNEUMATIC
TIRE AND WHEEL ASSEMBLIESDUNLOP LIMITED, OF DUNLOP HOUSE, RYDER
STREET, ST. JAMES'S LONDON, S.W. 1, ENGLAND.

Application No. 532/Cal/73 filed March 12, 1973.

Convention date March 11, 1972/(11510/72) U.K.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

28 Claims

An enclosing means for a lubricant for the interior surfaces of a pneumatic tyre to be located when in use on or adjacent the interior surface of at least one lower side wall region of the tyre comprising a closed annular pocket, at least one portion of a wall of the pocket extending substantially radially of the pocket being constructed to be under greater stress than the remaining portions when the pocket is filled with a lubricant and located in the tyre, said greater stressed portion being located nearest to the interior surfaces of the tyre when in use whereby the pocket is urged towards the interior surface of the tyre against counteracting centrifugal forces which tend to urge the pocket away from the interior surface during use of the tyre mounted on a wheel.

CLASS 139A. I.C.-C01b 31/14.

138379

PROCESS FOR THE PREPARATION OF SOOT
GRANULESSHELL INTERNATIONALE RESEARCH MAATSCHAP-
PIJ B.V., OF CAREL VAN BYLANDTLAAN 30, THE
HAGUE, THE NETHERLANDS.

Application No. 400/Cal/73 filed February 23, 1973.

Appropriate office for opposition Proceedings (Rules 4,
Patents Rules, 1972) Patent Office, Calcutta.

24 Claims. No drawings

A process for the preparation of soot granules from a pumpable soot suspension in water, as herein defined in which

(a) an additive serving to improve the mechanical strength of the granules upon heating is added to the suspension,

(b) water is removed by settling, evaporation, filtration or centrifuging from the suspension obtained according to (a) until a paste is obtained,

(c) the paste obtained according to (b) is granulated by pelletizing or extrusion

(d) the granules obtained according to (c) are dried.

CLASS 25A, I.C.-E04C 2/00, 138380

A REINFORCED AND INSULATING BUILDING PANEL.

CARE, INC., AT 660, 1ST AVENUE, NEW YORK, NEW YORK-10016, UNITED STATES OF AMERICA.

Application No. 789/Cal/74 filed April 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A reinforced and insulating building panel comprising :

(A) an inner skin having a plurality of woven jute layers saturated with an unsaturated polyester resin;

(B) an outer skin having a single layer of woven jute fiber saturated with an unsaturated polyester resin and including chopped glass fiber reinforced polyester resin exterior sprayed upon at least one layer of woven jute saturated with polyester resin; and

(C) an intermediate corrugated layer, having a plurality of woven jute saturated with polyester resin and resin bonded at its edges and its curvate extremities to said inner and outer skins, said corrugated layer being matte finished at both top and bottom and being cemented at its curvate extremities to said inner skin by special cements and bonded to said woven jute layer in said outer skin by said polyester resin.

CLASS 35B+C, I.C.-C04b 3/00, 7/22, 7/52. 138381

IMPROVEMENTS IN OR RELATING TO THE PRODUCTION OF OIL-WELL CEMENT.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 1615/72 filed October 10, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A process for making oil-well cement which consists in intergrinding raw materials, namely: Chharrapunjee limestone, (5.1 parts), Titabar clay (0.9 parts), Iron ore (0.24 parts), and Boragolai coal (0.88 parts) to a fineness of 98 percent through 170 mesh B.S.S., and sintering the ground materials after homogenization in the nodulized form in a shaft kiln plant, pulverizing the cement clinkers thus obtained to a fineness of 5-8 percent residue on 170 mesh B.S.S., followed by blending the pulverized cement with a retarder, namely, soluble starch.

CLASS 29A, I.C.-C06C 15/00, 138382

METHOD AND DEVICE FOR TRANSFER OF SERIES PROCESS INFORMATION PARTICULARLY FOR SYNCHRONIZATION IN AN ELECTRONIC CALCULATOR

BURROUGHS CORPORATION, AT 6071, SECOND AVENUE AT BURROUGHS, DETROIT, MICHIGAN 48232, U.S.A.

Application No. 1709/72 filed October 21, 1972.

Convention date August 2, 1972/(26083/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Apparatus for serially transferring information from at least one first shift register to second shift register storing at least a predetermined number of bits of said information comprising :

a second shift register for storing a code character of an equal predetermined number of bits, the input and output of said second shift register being coupled respectively to the output and input of said first shift register,

clock means coupled to said first and second shift registers for repeatedly shifting simultaneously some of said predetermined number of bits of information into said second shift register and an equal number of bits of said second shift register into said first shift register; and

decoding means coupled to said second register and to said clock means for determining the presence of said code character in said second shift register and for preventing further shifting by said clock means.

CLASS 81, I.C.-A62d 1/00, 138383

PROCESS FOR THE PREPARATION OF A SOLID FIRE-EXTINGUISHANT COMPOSITION.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON, S.W. 1, ENGLAND.

Application No. 2073/72 filed December 6, 1972.

Convention date December 7, 1971/(56742/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A process for the preparation of a solid fire-extinguishant composition containing a compound of empirical formula $MC_nN_2H_4O_4$ (where M is potassium or sodium) which comprises reacting urea with a carbonic salt of potassium or sodium, the reaction mixture being in the form of a solution or slurry in a liquid medium in which the solubility of urea at the reaction temperature is at least 1% by weight and the reaction temperature being such that the liquid medium is removed by evaporation.

CLASS 32B, I.C.-C07C 15/28, 138384

IMPROVEMENT IN THE PREPARATION OF ANTHRACENES.

BAYER AKTIENGESSELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 873/Cal/73 filed April 13, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

In the preparation of anthracenes by the thermal conversion of a 2-methyl diphenyl methane, the improvement which comprises effecting the thermal conversion at a temperature of 400 to 800°C in the presence of a small amount of sulfur in elementary form or of sulphur compounds.

CLASS 15B, I.C.-B29d 31/02, 138385

ANTI-FRICTION BALL BEARING ASSEMBLY.

ROCKWELL INTERNATIONAL CORPORATION, AT 600 GRANT STREET, PITTSBURGH, PENNSYLVANIA 15219, UNITED STATES OF AMERICA.

Application No. 1546/Cal/73 filed July 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

An anti-friction ball bearing assembly adapted for mounting on a shaft comprising an outer sleeve and an inner sleeve concentrically fitting within the outer sleeve, the inner sleeve having a number of tracks defining paths for the circulation of a number of plastic load carrying balls,

CLASS 32F, I.C.-C07d 55/06.

138386

PROCESS OF MANUFACTURING DERIVATIVES OF TRIAZOLINONE.

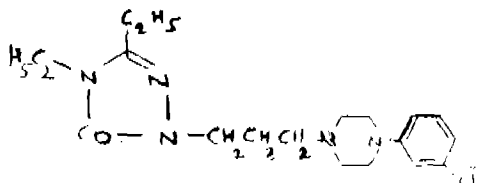
SIGMA-TAU S.P.A. IND. FARMACEUTICHE RIUNITE, OF 47, VIALE SHAKESPEA, 00144 ROME, ITALY.

Application No. 2298/Cal/73 filed October 16, 1973.

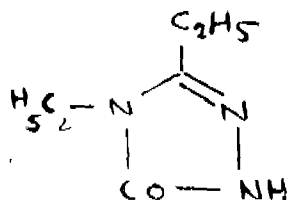
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

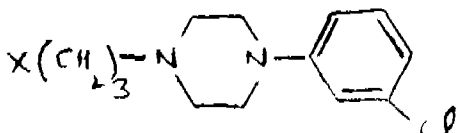
A process for preparing the new 1-[3-(4-m-chlorophenyl)-1-piperazinyl]-propyl-3, 4-diethyl- Δ^2 -1, 2, 4-triazolin-5-one of the formula (I).



and salts thereof, characterized in that 3, 4-diethyl- Δ^2 -1, 2, 4-triazolin-5-one of the formula (II).



is treated with a 1-m-chlorophenyl-4- (3 X propyl)- piperazine of the formula (III).



wherein X is halogen or other suitable leaving group as $-\text{OSO}_2\text{HC}_3$, $-\text{OSO}_2\text{C}_6\text{H}_4\text{CH}_3$, $-\text{O}-\text{C}_6\text{H}_4-\text{NO}_2$, and optionally subsequently the obtained product is converted in known manner into the salts thereof.

CLASS 68E, I.C.-H02J 3/00.

138387.

EQUIPMENT FOR PREVENTING CONTROL ACTIONS BY A CENTRAL SYSTEM CONTROLLER.

SIEMENS AKTIENGESSELLSCHAFT, OF BERLIN AND MUNICH, GERMANY (WEST).

Application No. 2763/Cal/73 filed December 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Equipment for preventing control actions by a central system controller for load changes occurring in the neighbouring system comprising a first amplifier for power deviation, a second amplifier for frequency deviation the outputs of said amplifiers being connected to a third amplifier for setting up the total deviation, said equipment being characterised by the connection of the output of the second amplifier to an input of the third amplifier via a multiplier and by an integrator whose input is connected to the output of the third amplifier in the case of load changes occurring outside the system i.e. power deviation and frequency deviation having opposite signs.

CLASS 126B+D. I.C.-G05 7/00, G01v 3/00.

138388

APPARATUS FOR MEASURING GEOMAGNETIC VARIATIONS.

INSTITUT ZEMNOGO MAGNETIZMA, IONOSFERY I RASPROSTRANENIA RADIOVOLN AKADEMII NAUK SSSR, AKADEMICHESKY GORODOK, MOSKOVSKAYA OBLAST, USSR.

Application No. 1135/Cal/74 filed May 23, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An apparatus for measuring geomagnetic variations wherein a pencil of light from a light source is displaceable by a mirror of at least one quartz magnetic variometer, attached to a permanent magnet suspended from a quartz filament of said variometer and adapted to oscillate together with said mirror in the variable magnetic field of at least one deflection coil belonging to said variometer, the amplitude of this variable magnetic field exceeding that of the geomagnetic variation being measured, this variable magnetic field being set up by means of a generator of low-frequency periodic oscillations, included in the circuit of said coil, the pencil of light being periodically reflected onto a stationary photoelectric transducer positioned so that at the moment when the variation being measured is compensated by said variable magnetic field, there is produced at the output of said photoelectric transducer an electric signal controlling a converter of the variation being measured into a digital code, the output of said converter being connected to the input of a means for recording the value of the geomagnetic variation.

CLASS 32F, I.C.-C07d 99/14.

138389

IMPROVED ENZYME COMPLEXES AND THEIR USE

BEECHAM GROUP LIMITED, OF BEECHAM HOUSE, GREAT WEST ROAD, BRENTFORD, MIDDLESEX, ENGLAND.

Application No. 2819/Cal/74 filed December 20, 1974.

Convention date December 28, 1973/(59978/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A process for the preparation of 6-aminopenicillanic acid which process comprises treating benzylpenicillin or phenoxy-methylpenicillin or a salt thereof in aqueous solution at a pH of from 6.0 to 9.0 with a water-insoluble enzyme complex which comprises a penicillin acylase enzyme adsorbed on a water-insoluble polymer substrate and cross-linked with a cross-linking agent selected from glutaraldehyde glyoxal and formaldehyde, the said polymer substrate being a water-insoluble polymer or copolymer of methacrylic acid.

CLASS 144D. I.C.-C22b 1/00.

138390

A PROCESS FOR THE CONTINUOUS ACID TREATMENT OF CRUDE CLAYS AND SCHISTS.

ALUMINIUM PECHINEY, OF 23, RUE BLAZAC, PARIS 8E, FRANCE.

Application No. 1974/72 filed November 23, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for treating ores of the clay and schist type in order to recover from them in commercially usable form aluminium, iron, and magnesium in the form of their oxides and potassium in the form of a soluble salt, in which the ore

Is attacked by a hot, concentrated continuously recycled solution of sulphuric acid, followed by treatment of the filtrate with hydrochloric acid and water so as to precipitate hydrated aluminium chloride, the filtrate from this operation being cooled and treated with gaseous hydrogen chloride so as to precipitate sodium chloride, after which the filtrate is concentrated to eliminate the water and hydrochloric acid which is recycled, and in which the potassium is precipitated in the form of a double salt $K_2SO_4 \cdot Fe(SO_4)_2$, which is separated by filtration, distinguished by the fact that chlorine is injected into the concentrated sulphuric filtrate in a quantity calculated in such a way that, following oxidation of the ferrous iron, the quantity of ferric ions is substantially equal to the quantity of potassium ions which ensures precipitation of the aforementioned double salt.

CLASS 39L. I.C.-C01f 5/16. 138391

PROCESS FOR MAKING MAGNESIA.

STFETLEY (MFG) LIMITED, OF GATEFORD HILL, WORKSHOP, NOTTINGHAMSHIRE, ENGLAND.

Application No. 1975/72 filed November 23, 1972.

Convention date December 1, 1971/(55820/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims

A process for making magnesia wherein a sludge of magnesium hydroxide is simultaneously dewatered and compacted by feeding the sludge to a filter and applying pressure thereto, to give a cake of magnesium hydroxide containing at least 67.5% by weight of solids and having a green bulk density of at least 1.15 grams/cc and wherein the cake thereby obtained is converted by a suitable heat treatment into magnesium oxide.

CLASS 32F. I.C.-C08d 1/12, 1/14, 3/02, 3/04, C08f 1/28, 1/32, 1/34, 1/36, 3/02. 139392

POLYMERIZATION OF OLEFINS

SNAM PROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Application No. 2024/72 filed November 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims. No drawings.

A process for the production of a homopolymer or copolymer of an olefin which comprises polymerizing one or more olefins in the presence of a catalytic system comprising:

(a) a Lewis acid compound selected from those of formulae $AlCr_3$, AlI_3 , $AlEtCl_2$, Al_2EtCl_3 , $TiBr_4$, $SnCl_4$, $SiCl_4$, VCl_4 , BE_3 , $SbCl_5$, SbF_5 , $VOCl_3$, $ZrCl_4$, and $GaCl_3$; and

(b) a compound which is by itself inactive in the production of an olefin homopolymer or copolymer and which is capable of reacting with the Lewis acid compound to yield a product active in the production of an olefin homopolymer or copolymer, which compound is selected from $Ti(Acac)_4$, $SnCl_2(acetate)_2$, SnR_4 , $SnRX_3$, SnR_2X_2 , SiR_4 , $Ti(OR)_3X$, $TiX_2(OR)_2$, $Ti(OR)X_3$, $Ti(OR)_4$, PbR_4 , $VO(OR)X_2$, $VO(OR)_3$, $Ti(Ar)_2R_2$ and $Ti(Ar)_4$, in which R is a hydrocarbon radical containing from 1 to 10 carbon atoms X is a halogen atom, and Ar is an aromatic or pseudo-aromatic compound which, with the titanium atom forms a titanium-arene compound.

CLASS 105B & 126A. I.C.-G01n 21/00. 138393.

GLASS CONTAINER INSPECTION MACHINE.

EMHART ZURICH SA, OF SEEFELDSTRASSE 224, ZURICH, SWITZERLAND.

Application No. 167/Cal/73 filed January 24, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An inspection head, intended to be fastened to the frame of an apparatus for the inspection of glass containers or the like to determine imperfections in said containers or the like, comprising a vertically and horizontally adjustable supporting means, a moulded mounting block of plastic or the like material, securely and releasably held by said supporting means, a plurality of support rods extending in a substantially vertical direction having their upper ends embedded in said block in a predetermined pattern and their lower ends located at various predetermined distances from the block, each of said rods carrying at its lower end a support member extending in a substantially horizontal direction, each of said support members being oriented at a predetermined angle in relation to the rod by which it is carried, and light emitters and sensors carried by said support members in spaced relation to said rods and at predetermined angles with respect to said rods.

CLASS 105B & 126A. I.C.-G01n 21/00. 138394.

GLASS CONTAINER INSPECTION MACHINE.

EMHART ZURICH SA, OF SEEFELDSTRASSE 224, ZURICH, SWITZERLAND.

Application No. 196/Cal/73 filed January 27, 1973.

Division of Application No. 167/Cal/73 filed January 24, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

Mechanism for handling glass containers, particularly in a container inspection apparatus used alongside a container conveyor, and comprising: a central bottom plate for supporting the containers in upright position as they are moved along in a line and a central guide rail against which the containers are adapted to be rolled as they are so moved;

means for diverting containers from said conveyor onto an upstream end of said central bottom plate;

means for metering the containers so moving onto said central bottom plate;

a continuously driven endless transport belt located at one side of said central bottom plate opposite to said central guide rail to roll the containers and to advance them at a speed greater than that permitted by said metering means, thereby to space the containers along said central bottom plate and means for rotating each container on a fixed reference axis at an inspection station, said rotating means including said transport belt, and means for wrapping a segment of said transport belt around a portion of the periphery of the container being inspected at said station, said means for so wrapping said transport belt including a pair of members, each being independently selectively movable into and out of engagement with said transport belt to permit at least one full revolution of the container being inspected on said reference axis.

CLASS 13A. I.C.-B 31b. 138395.

IMPERMEABLE BAG FOR MECHANICAL PACKING OF CEMENT.

DR. HOSAGRAHAR CHANDRASEKHARAIYA VISVESVARAYA, DIRECTOR AND MADDAU VENKATA RANGA RAO, SCIENTIST, CEMENT RESEARCH INSTITUTE OF INDIA, M-10, SOUTH EXTENSION II, NEW DELHI-49, INDIA.

Application No. 249/Cal/73 filed February 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A bag for packing cement or the like powdery substances comprising a laminated sheet consisting of a fabric and a sheet of polyethylene secured together by an adhesive, the sides of which are folded and secured together by stitching to form the body of the bag and an inlet valve and an air escape valve secured to two different corners of the body of the bag.

CLASS 32Fb. I.C.-C07d. 99/24. 138996.

A PROCESS OF PRODUCING THE RELATIVELY WATER-INSOLUBLE CRYSTALLINE FORM OF CEPHALEXIN MONOHYDRATE.

BRISTOL-MYERS COMPANY, AT 345 PARK AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 813/Cal/73 filed April 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

The process of producing the relatively water-insoluble crystalline form of cephalexin monohydrate exhibiting essentially the following X-ray diffraction data :

Interplanar Spacing d (Å) :	Relative Intensities I/I_1
16.01	.19
12.07	1.00
10.82	.13
9.64	.13
8.83	.07
8.52	.13
8.10	.26
7.07	.08
6.10	.14
5.60	.22
5.43	.64
4.98	.17
4.76	.09
4.57	.17
4.39	.18
4.23	.18
4.02	.30
3.94	.13
3.86	.19
3.79	.04
3.70	.05
3.61	.18
3.44	.08
3.24	.10
3.20	.05
3.11	.13
2.99	.08
2.91	.09
2.80	.07
2.73	.07
2.67	.09

which comprises preparing a concentrated, acidic aqueous solution of cephalexin, adding sufficient n-butanol to form two liquid phases and then slowly neutralizing said biphasic system to precipitate said water-insoluble crystalline form of cephalexin monohydrate.

3—427 GI/75

CLASS 151A. I.C.-B28b 2/00.

138397.

IMPROVEMENTS IN THE MANUFACTURE OF PIPES.

HUMES LIMITED, OF 185, WILLIAM STREET, MELBOURNE, IN THE STATE OF VICTORIA, COMMONWEALTH OF AUSTRALIA.

Application No. 1223/Cal/73 filed May 24, 1973.

Convention date May 25, 1972/(PA9090) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A mould for manufacturing a concrete product, comprising an outer rigid mould member for forming a surface of the product, and a flexible lining disposed internally of the rigid mould member, said flexible lining being attached at one end to the rigid mould member and being securable at its opposite end between the other end of the rigid mould member and a member which defines the one end of the product.

CLASS 129G. I.C.-B21C 25/00.

138398.

EXTRUSION TOOLS.

THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Application No. 315/Cal/74 filed February 14, 1974.

Convention date February 17, 1973/(7900/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An extrusion tool for use in the production of a component of the kind specified, including a punch which defines the shape of the wide portion of the bore in the component and which, in producing said component, is caused to enter a billet having a hole therein of diameter substantially equal to that of the narrow portion of said bore whereby material of the billet flows around said punch to produce the wide portion of said bore, a mandrel projecting from the punch and arranged so that, during production of said component, the mandrel is received in the whole in the billet, a carrier supporting said punch and formed separately from the punch and the mandrel, and releasable locking means urging a portion of the mandrel to trap the punch against the carrier so that the punch is retained by the carrier.

CLASS 129G. I.C.-B21b 11/00.

138399.

MACHINE FOR PULSE CUTTING OF CONTINUOUSLY MOVING BAR.

KHARKOVSKY AVIATION INSTITUTE, ULITSA CHKALOVA, 17, KHARKOV, USSR.

Application No. 238/Cal/74 filed February 2, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A machine for the pulse cutting of a continuously moving bar, comprising: a cylinder; a piston with a rod arranged in the space of said cylinder; a holder provided in said cylinder to envelop said piston rod and coupled movably with said piston and rod; a combustion chamber accommodated in a body of said cylinder and communicating regularly with the space of said cylinder; ducts made in said piston and rod and communicating said combustion chamber with the space between the piston rod and the holder at the moment when a butt of said holder is contacting the said bar as a result of pressure exceeding the prescribed limit in said combustion chamber; and anvil block coupled rigidly with said body of the cylinder for joint travel therewith; two cutters designed to travel to meet each other and toward a bar being cut, one of said cutters being arranged on said anvil block and the other provided on said piston rod.

OPPOSITION PROCEEDINGS

An opposition entered by Eastern Watch to the grant of a patent on application No. 135313 made by Madan Mohan Dey and Madhu Sudan Dey filing of which has been notified in the Gazette of India, Part III, Section 2 dated the 20th October, 1973, has been allowed.

PATENTS SEALED

82435 82567 89068 100331 104574 105981 106767 108029
 113212 120616 129584 131512 132728 132813 134518 135304
 136053 136216 136545 136554 136581 136622 136641 136671
 136692 136852 136868 136870 136871 136875 136877 136878
 136881 136884 136891 136893 136894 136946 136957 136981
 137015 137018 137021 137050 137055 137061.

AMENDMENT PROCEEDINGS

Notice is hereby given that Universal Oil Products Company now re-named UOP Inc., a corporation duly organised under the laws of the State of Delaware, U.S.A., of No. 10, Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, State of Illinois, U.S.A., have made an application under Section 57 of the Patents Act, 1970 for amendment of application, specification and drawings of the their application for patent No. 138044 "High-fin integral finned tube of heat-resisting alloys, and multi-pass process for making the same". The amendments are by way of correction of name of the applicants from "Universal Oil Products Company" to "UOP Inc". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

COMMERCIAL WORKING OF PATENTED INVENTIONS

List No. 4

The following patents in the field of General & Mechanical Engineering Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar year 1974 generally on account of want of requests for licences to work the patented inventions, persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief Title of the Invention
1	2	3	4	5
1.	131239	5-5-1971	Stencel Aero Engineering Corp., of Municipal Air-port Road, Arden, North Carolina, U.S.A.	Depolying and spreading a parachute.
2.	131240	5-5-1971	The Goodyear Tire & Rubber Company, at 1144 East Market St., Ohio, U.S.A.	Belt and belt drive assembly.
3.	131244	5-5-1971	Air Preheater Co., Andovens Road, Wells Ville, New York, U.S.A.	Continuously fired batch type incinerator.
4.	131246	5-5-1971	Enclid Inc., of 2221, St Clair Avenue, Cleveland Ohio, 44117, U.S.A.	Exhaust diverting valve for dumpable vehicles having heated dump bodies.
5.	131293	11-5-1971	Clayton Dewandre Company Ltd., Titanic Works, Lincoln, England.	Spring brake units.
6.	131294	11-5-1971	Do.	Control valves for spring brake units.
7.	131295	11-5-1971	Do.	Hydraulic pumps.
8.	131303	11-5-1971	British-American Tobacco Company Ltd., Great Britain Westminster House, 7 Millbank, London, SW1P 3JE, England.	Drying tobacco.
9.	131339	12-5-1971	Cardwell Wostinghouse Company, at 332 South Michigan Avenue, Chicago, Illinois 60604, U.S.A.	Sealed non-spin hand brake arrangement.
10.	131348	15-7-1971	Joseph Lucas (Industries) Ltd., of Great King St., Birmingham 19, England.	Method of inter connecting parts.
11.	131357	13-5-1971	VDO Tachometer, 6 Frankfurt am Main 90, Postfach, 901020, Federal Republic of Germany.	Tachometer with a distance counting device.
12.	131372	14-5-1971	77 Stodn, Plazan Czechoslovakia.	Apparatus for limiting the back flow of steam from a place of regeneration to a steam turbine.
13.	131384	17-5-1971	Girling Ltd., of Kings Road Tyseloy, Birmingham 11, Warwickshire, England.	Servo-boosters for vehicles brake system.

1	2	3	4	5
14.	131385	17-5-1971	Tor-Isteg Steel Corporation, 19 Rue Aldringer, Luxembourg, of Luxemborug.	Reinforcement for reinforced concrete structure.
15.	131386	17-5-1971	Shell Internationale Research Maatschappij N.V., 30, Carrel van Bylandtlaan, The Hague, The Netherlands.	Valve for use in a valve seat assembly.
16.	131415	19-5-1971	Complet S. p. A., of Viale Francesco Crispi, 5, Milan, Italy.	Devic for starting or stopping rotation of the main shaft of a hosiery linking machines.
17.	131416	19-5-1971	Bayer Aktiengesellschaft, of 509, Leverkusen Bayerwerk, Federal Republic of Germany.	Apparatus for drying rubber masses.
18.	131455	22-5-1971	Maschinenfabrik Augsburg Nurnburg AG., of Katzwan-genstrasse 101, 8500 Nurnburg 2, West Germany.	Crankshaft assembly.
19.	131470	24-5-1971	General Refractories Company, of 1520 Locust St., Philadelphia, Pennsylvania, 19102, U.S.A.	Refractory brick having a metal casing.
20.	131478	24-5-1971	Raytheon Company, Delaware, U.S.A.	Frequency band convertor.
21.	131487	25-5-1971	Mefina S. A., of 5, route de Beaumont, Fribourg, Switzerland.	Presser foot for a sewing machine.
22.	131488	25-5-1971	Girling Ltd., Kings Road, Tyseley, Birmingham, 11, England.	Disc brakes for vehicles.
23.	131496	26-5-1971	The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron, Ohio, U.S.A.	Pneumatic aircraft tire.
24.	131497	26-5-1971	Borgs Fabriks Aktiebolag, Norrkoping, Sweden.	Device for restoring the retractable barrier after arresting an air craft with the barrier.
25.	131499	26-5-1971	USS Engineers and Consultants, Inc., 525 William Penn Place, Pittsburgh, State of Pennsylvania, U.S.A.	Device forshrcuding a stream of metal teemed through a slidable gate.
26.	131500	27-5-1970	Avon Rubber Company Ltd., of Melksham, Wiltshire, England.	Sealing a pipe joint.
27.	131511	27-5-1971	Girling Ltd., of Kings Road, Tyseley, Birmingham 11, Warwickshire, England.	Servo boosters for vehicle brake systems.
28.	131518	28-5-1971	Eisenwerk-Gesellschaft Maximilianshutte mbH, of Sulzbach-Rosenberg Hütte, West Germany.	Convertor for refining pig iron.
29.	131522	28-5-1971	Dunlop Holdings Ltd., Dunlop House, Ryder St., St. James's, London, S.W. 1, England.	Flexible articles.
30.	131532	29-5-1971	Do.	Pneumatic tyres.
31.	131533	29-5-1971	Simms Motor Units Ltd., of East Finchley, London, England.	Liquid fuel injection pumping apparatus.
32.	131535	29-5-1971	Dunbeath Holdings Pty. Limited, 11 Bernard Avenue, Bexley North, New South Wales, Commonwealth of Australia.	Elastomeric roller.
33.	131541	29-5-1971	Metallgesellschaft, 6 Frankfurt an Main Reuterweg 14, West Germany.	Continuous charging of an electric arc steel making furnace.
34.	131546	31-5-1971	Dunlop Holdings Ltd., Dunlop House, Ryder St., St. James's, Lond, S.W. 1, England.	Tyre mould.
35.	131560	1-6-1971	Stanadyne, Inc., of Wilson, Connecticut, U.S.A.	Throwaway fuel oil filter cartridges.
36.	131563	2-6-1971	Glaverbel-Mecanivor, 166, Chaussee de la Hulpe, Water-mael-Boitsfort, Belgium.	Bending sheet blanks.
37.	131564	2-6-1971	USE Engineers and Consultants, Inc., 600 Grant St., Pittsburgh, State of Pennsylvania, U.S.A.	Rim-stabilized steel ingots.
38.	131565	2-6-1971	Girling Ltd., Kings Road, Tyseley, Birmingham 11, England.	Disc brakes.
39.	131566	2-6-1971	British Industrial Plastics Ltd., Asbestos House, 77/79 Fountain St., Manchester 2EA, England.	Selections means for the control system of an automatic machine.

1	2	3	4	5
40.	131569	2-6-1971	Euclid Inc., of 22221, St Clair Avenue, Cleveland Ohio, 44117, U.S.A.	Exhaust system for a load dumping vehicles.
41.	131602	4-6-1971	Emhart Corporation, at 426 Colt Highway, Farmington, Connecticut, 06032, U.S.A.	System for inspecting a liquid filled transparent container.
42.	131619	7-6-1971	Girling Ltd., Kings Road, Tyseley, Birmingham 11, England.	Disc bakes.
43.	131666	10-6-1971	Keelavite Hydraulics Ltd., of Allesley, Coventry, Warwickshire, England.	Fluid light annular seals.
44.	131677	11-6-1971	Compret N. V., of 16, Paulus Potterstraat, Amsterdam Z1, The Netherlands.	Physical exercisere.
45.	131678	11-6-1971	Do.	Do.
46.	131684	11-6-1971	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London, SW. 1, England.	Non-woven continuous filament materials.
47.	131692	14-6-1971	Dunlop Holdings Ltd., Dunlop House, Ryder St., St. James's, London, S.W. 1, England.	Pneumatic tyres.
48.	131693	14-6-1971	Do.	Do.
49.	131696	14-6-1971	Norton Co., 1 New Bond St., Worcester, State of Massachusetts, U.S.A.	Coated abrasive materials.
50.	131737	16-6-1971	Dunlop Holdings Ltd., Dunlop House, Ryder St., St. James's, London, S.W. 1, England.	Tyre and wheel assemblies.
51.	131738	16-6-1971	Do.	Tyre and wheel assemblies.
52.	131739	16-6-1971	Do.	Pneumatic tyres.
53.	131740	16-6-1971	Do.	Tyre and wheel assemblies.
54.	131741	16-6-1971	Do.	Do.
55.	131742	16-6-1971	The Singer Company (UK) Ltd., Fredericks Place, Old Jewry, London, England.	Tufting machines.
56.	131747	16-6-1971	Snam Progetti S.p.A., 16, Corso Venezia, Milan, Italy.	Composite yarns.
57.	131761	17-6-1971	Dunlop Holdings Ltd., Dunlop House, Ryder St., St. James's, London, S.W. 1, England.	Printers blankets.
58.	131778	18-6-1971	Union Carbide Corporation, 270 Park Avenue, New York, New York 10017, U.S.A.	Arc torch cutting process.
59.	131779	18-6-1971	Suporba, of 13 Rue De pgastatt, Mulhouse, Haut-Rhin, France.	Installation for continuous treatment under pressure.
60.	131780	18-6-1971	U.S.S. Engineers & Consultants Inc., of 525, William Penn Place, Pittsburgh, Pennsylvania, U.S.A.	Tundish and method of preheating same.
61.	131781	18-6-1971	Tor-Isteg Steel Corporation, 19 rue Aldringer, Luxembourg, Luxembourg.	Reinforcement for reinforced concrete structure.
62.	131787	18-6-1971	Bekum Maschinen Etc., of 1, Berlin 42, (Marlindorf), Laukwitzerstrasse, German Federal Republic.	Device for adjusting the annular die gap in an extruder head.
63.	131800	19-6-1971	Bayer Aktiengesellschaft, Leverkusen, Federal Republic of Germany.	Continuous production of extruded sections.
64.	131817	21-6-1971	Industriewerk Scharffler, of 8522, Herzogonasurach, West Germany.	Three roller high drafting system.
65.	131828	22-6-1971	Girling Ltd., Kings Road, Tyseley, Birmingham 11, England.	Lock actuators for vehicle brakes.
66.	131843	23-6-1971	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Coconut husk chopping machine.
67.	131859	23-6-1971	Nippon Kokan, of 1-3, 1-chome, Otemachi, Ehiyodaku, Tokyo, Japan.	Operating a blast furnace with an auxiliary reducing gas.

1	2	3	4	5
68.	131860	23-6-1971	Jg Glass Industries Pvt. Ltd., Pinpri, Poona-18, Maharashtra.	Vacuum flask.
69.	131881	26-6-1971	Girling Ltd., Kings Road, Tyseley, Birmingham 11, England.	Vehicle brake actuator.
70.	131883	26-6-1971	Do.	Railway vehicle disc brakes.
71.	131885	26-6-1971	Do.	Lining wear indicator.
72.	131889	28-6-1971	Societe De Conditionnement En Aluminium Scal GP., of 47, rue de Monceau, Paris 8e, France.	Machine for tapering flexible metal tubes.
73.	131906	29-6-1971	Kentredder Ltd., Longueville, St. Saviour, Jersey, Channel Islands, England.	Machine for buffing tyres.
74.	131911	29-6-1971	Georgia Pacific Corp., 900 South West, Fifth Avenue, Portland, Oregon, U.S.A.	Drilling composition.
75.	131934	30-6-1971	Wenger Manufacturing, Inc., Kansas, U.S.A.	Die structure for extruding products of various densities.
76.	131940	30-9-1971	Moledeth Etc., of Plumer Square, Halifa, Israel.	Elevator conveyor for bulk material.
77.	131953	1-7-1971	UCB S. A., of 4, Chaussee de charleroi, Saint-Gilles-lez-Bruxelles, Belgium.	Artificial paper.
78.	131964	2-7-1971	Dunlop Holdings Ltd., of Dunlop House, Hyder St., St. Jame's, London, S.W. 1, England.	Pneumatic tyres.
79.	131965	2-7-1971	G. D. Societa' in Accomandita Semplice Di Enzo Seragnoli E Ariosto Seragnoli, of 10 Bologna, Via Pomponia, Italy.	Device for controlling the feed rate in cigarette packing mechanism.
80.	131979	3-7-1971	Girling Ltd., of Kings Road, Tyseley, Birmingham 11, England.	Disc brakes for tractors or like vehicles.
81.	131982	3-7-1971	Kennedy van Saun Corporation, of Beaver St, Danville, State of Pennsylvania, U.S.A.	A grinding mill system.
82.	131985	5-7-1971	Council of Scientific and Industrial Research, Rafi Marg, New Delhi.	Machine for formation of paper twine out of paper type.
83.	131987	5-7-1971	Union Carbide Corporation, 270 Park Avenue, New York, New York 19917, U.S.A.	Machine tool for packing articles in a pouch of thin heat shrinkable thermoplastic film.
84.	131206	3-5-1971	Marcona Corporation, one Maritime Plaza, San Francisco, California, U.S.A.	Apparatus for loading slurries in vessels and eliminating the suspending liquids.
85.	132003	6-7-1971	Tony Ralph Sarich, 491 Walter Road, Bays water, State of Western Australia, Commonwealth of Australia.	Rotary motor.
86.	132008	6-7-1971	The Marley Company, 5800 Foxridge Drive, Mission, Johnson, County, Kansas, U.S.A.	Splash bar for cooling tower fill assembly.
87.	132010	6-7-1971	Clark Equipment Co., of Buchanan, Michigan, U.S.A.	Fluid control system for an engine.
88.	132027	8-7-1971	Carrier Corporation, Syracuse, New York, U.S.A.	Motor compressor unit.
89.	132028	8-7-1971	Do.	Cylinder block for motor compressor unit having discharge muffling means.
90.	132035	29-3-1971	Artos Dr. Ing Meter Etc., of 2 Hamburg 1, Heiden-Kaupsweg 66, German Federal Republic.	Shoe material.
91.	132045	9-7-1971	Universal Oil Products Co., No. 30 Algonquin Road, Des Plaines, State of Illinois, U.S.A.	Flow distributing apparatus.
92.	132047	9-7-1971	Girling Ltd., Kings Road, Tyseley, Birmingham 11, Warwickshire, England.	Servo motors for vehicle brake.
93.	132058	9-7-1971	Cardwell Westinghouse Company, 332 South Michigan, Avenue, Chicago, Illinois, 60604, U.S.A.	Railroad car brake rigging arrangement.

1	2	3	4	5
94.	132067	12-7-1971	N. L. Industries, Inc., of 111 Broadways, New York, New York, U.S.A.	Vibration resistant thread forming screw.
95.	132111	14-7-1971	Girling Ltd., Kings Road, Tyseley, Birmingham 11, England.	Lock actuators for vehicle wheel brakes.
96.	132117	14-7-1971	R. Yoritomi, 5-17, 12 Kolshikawa, Bunkyo-ku, Tokyo, Japan.	Continuous squeezing press of the v. type.
97.	132118	14-7-1971	Keene Corp., 345, Park Avenue, New York, U.S.A.	Apparatus for detecting and measuring the concentration of suspended solids in a liquid.
98.	132130	15-7-1971	N. V. Bekaert S. A., of Zwevegem, Belgium.	Fastening the free ends of a twisted wire joints.
99.	132141	16-7-1971	Philip Morris Incorporation, 100 Park Avenue, New York, New York, 10017, U.S.A.	Double edge safety razor.
100.	132157	19-7-1971	Clayton Dewandre Company Limited, Titanic Works, Lincoln, England.	Vehicle braking systems.
101.	132192	21-7-1971	United States Steel Corporation, 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Cement clinkers.
102.	132186	21-7-1971	Libbey Owens Ford Co., 811 Madison Avenue, Toledo, Ohio, U.S.A.	Soldering.
103.	132198	22-7-1971	Sherritgordon Mines Ltd., 25 King Street West, Toronto, Ontario, Canada.	Continuously determining the temperature of ore in a multiple hearth furnace.
104.	132204	22-7-1971	Mara Anstalt, Vodüz (Lichtenstien).	Dehydration of sheet products.
105.	132214	23-7-1971	Sherrit Gordon Mines Ltd., 25 King Street West, Toronto, Ontario, Canada.	Sampling device for multiple hearth furnace.
106.	132216	23-7-1971	Sealed Powder Corporation, of 2001 Sanford Street, Muskegon, State of Michigan 49443, U.S.A.	Spacer expanders.
107.	132218	23-7-1971	Abildgaard, 857, Mande Avenue, Mountain view, California, 94040, U.S.A.	An uncased book.
108.	132233	24-7-1971	Vereinigte Österreichische Eisen-und Stahlwerke alpine montan Aktiengesellschaft, of 5, Mulden Strasse, Linz, Austria.	Water cooled measuring probe for continuously measuring the temperature of hot liquid metal baths in basic oxygen converter.
109.	132235	24-7-1971	USS Engineers and Consultants, 600 Grant St., Pittsburgh, State of Pennsylvania, U.S.A.	Socking pit.
110.	132237	26-7-1971	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Gypsum plaster retarder.
111.	132263	27-7-1971	Ostereichisch-Amerikanische Magnesit Aktiengesellschaft, 9545, Radenthein, Karnten, Austria.	Sintered refractory material.
112.	132295	29-7-1971	Philip Norris Incorporated, 100 Park Avenue, New York, New York 10017, U.S.A.	Puffing tobacco.
113.	132306	30-7-1971	Girling Ltd., Kings Road, Tyseley, Birmingham 11, England.	Disc brakes.
114.	132328	23-6-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Spraying device.
115.	132330	2-8-1971	Do.	Structural rod/flat bonding device.
116.	132349	3-8-1971	British Leyland Truck and Bus Division Ltd., of Leyland, Lancashire, England.	Bogie suspensions for vehicles.
117.	132359	3-8-1971	Aristovoluds G, Petzetakia, Moschaton Pirocus, Geirchonland, Thessalaniki & Chandristrat, Greece.	Connector for pipes.
118.	132351	3-8-1971	USS Engineers and Consultants, 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Billet marking apparatus.

1	2	3	4	5
119.	132357	3-8-1971	Siemens AG, Berlin and Munich, Germany (West).	Digital filters.
120.	132373	4-8-1971	W. J. Harris (Birmingham) Ltd., Chase Road, Brownhills, Near Walsall, Stafford, England.	Drawing and dividing compasses.
121.	132383	5-8-1971	Girling Ltd., of Kings Road, Tyseley, Birmingham-11, England.	Fluid pressure operated braking device for vehicles.
122.	132392	5-8-1971	Siemens A G, Berlin and Munich, Germany (West).	Strip-line y-circulators.
123.	132405	6-8-1971	Donn George Boyle and another, of 5972 Bowmiller Road, Lockport, New York, U.S.A.	Flexible tubing particularly for irrigation system.
124.	132408	6-8-1971	The Secretary of State for Defence in Her Britannic Majesty's Government of U.K., of Whitehall, London, S.W. 1, England.	Bridges.
125.	132410	6-8-1971	Parks Cramer Co., Box 444, Fitchburg, Massachusetts, U.S.A.	Textile yarn forming machine data communicating apparatus.
126.	132411	6-8-1971	Do.	Yarns piecing apparatus.
127.	132427	9-8-1971	Brico Engineering Ltd., of Holbrook Lane, Coventry, Warwickshire, England.	Fuel, injector systems.
128.	132428	9-8-1971	Celanes Corporation, 522 Fifth Avenue, New York, New York, U.S.A.	Smoking compositions.
129.	132429	9-8-1971	Itek Corporation, 10 Maquire Road, Lexington, Massachusetts, U.S.A.	Photographic plate.
130.	132433	9-8-1971	Raytheon Company of Lexington County, of Middlesex, Commonwealth of Massachusetts, U.S.A.	Data reader system.
131.	132437	9-8-1971	A. S. Hworth Bors., P.O. Box 670, Fall River, Massachusetts, 02722, U.S.A.	Card clothing.
132.	132460	11-8-1971	C. A. V. Ltd., of Well Street, Birmingham-19, England.	Delivery valves for use in liquid fuel pumping apparatus.
133.	132466	11-8-1971	General Electric Co., 1 River Road, Schenectady, New York, U.S.A.	Sintered intermetallic product and magnets produced therefrom.
134.	132492	13-8-1971	The Singer Company (UK) Ltd., 8 Fredericks Place, Old Jewry, London, England.	Adjustable correcting rods, particularly for tufting machines.
135.	132494	13-8-1971	R. Camus, 27, Avenue Foch, 75-Paris 16, France.	Reinforced concrete construction panels.
136.	132496	13-8-1971	Industrie Pirelli S.p.A., of Centro Pirelli, Piazza Duca d'Aosta No. 3, Milan 20100, Italy.	Thread ring for a tyre of the replaceable tread type.
137.	132498	13-8-1971	Orian R. Gardner, 419 Marin Avenue, Mill Valley, California 94941.	A burner apparatus for burning light combustible materials such as rice hulls.
138.	132516	16-8-1971	Cotton Inc., 350 Fifth Avenue, New York City, New York 10001, Tennessee, U.S.A.	Rapid wet fixation process for the production of cellulosic fibre.
139.	132541	17-8-1971	The Singer Company (U.K.) Ltd., of 8 Fredericks Place, Old Jewry, London, England.	An adjustable jerker bar mechanism for a tufting machine.
140.	132542	17-8-1971	Anchor Hocking Corporation, of 109 N. Broad St, Lancaster, Ohio, U.S.A.	On-line simulated impact tester for glass container.
141.	132556	18-8-1971	Girling Ltd., of Kings Road, Tyseley, Birmingham-11, England.	Vehicle brakes.
142.	132562	18-8-1971	Siemens, Berlin and Munich, Germany (West).	Contact members.
143.	132567	18-8-1971	Leslie Gordon Hudson, Little Copped Hall, Epping, Essex, England.	Perforating tubes.
144.	132568	18-8-1971	The Bunker Ramo Corporation, of Oakbrook North, Oak Brook, Illinois, U.S.A.	Magnetic switches.
145.	132573	19-8-1971	Girling Ltd., Kings Road, Tyseley, Birmingham-11, England.	Load transmitting struts.

1	2	3	4	5
146.	132576	19-8-1971	Alcan Research and Development Ltd., of 1, Place Ville Marie, Montreal, Quebec, Canada.	Method of treating segregated material separated from a body of molten aluminium.
147.	132577	19-8-1971	Borgs Fabriks Aktiebolag, of Norrköping, Sweden.	Air craft arresting device.
148.	132581	19-8-1971	Modular Wall Systems Inc., 4829, Belhavan Boulevard Charlotte, North Carolina, U.S.A.	Precast panel building wall construction.
149.	132588	20-8-1971	Girling Ltd., of Kings Road, Tyseley, Birmingham-11, England.	Vehicle brakes.
150.	132591	20-8-1971	Societe Technique Pour L'Utilisation De La Precontrainte (S. T. U. P.-Procedes Freyssinet), 66 route de la Reine, Boulogne, Billancourt, Hauts de Seine, France.	Expansion joint between two portions of ground covering.
151.	132614	23-8-1971	Regional Research Laboratory, Jorhat-6 (Assam).	Production of paper twine.
152.	132640	24-8-1971	Sherritt Gordon Mines Ltd., 25 King St., West, Toronto 1, Ontario, Canada.	Rotary joint.
153.	132641	24-8-1971	Compzet N. V., 16 Paulus Potterstraat, Amsterdam 21, Holland.	Exercising apparatus.
154.	132650	24-8-1971	Fichtel & Sachs AG., Ernst-Sachs-Strasse 62, 872 Schwionfurt Gm Main, West Germany.	Continuously stamped brake arm for bicycle hubs.
155.	132659	25-8-1971	USS Engineers and Consultants, Inc., 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Method for effecting rapid heat treatment of steel plates.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

134552.—M/s Societe Anonyme Coignet.

135647.—M/s Pulling and Lifting Machines Private Limited.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. and Title of the invention

92008 (30-1-64) A process for the production of trimeric ruthenium tetra carbonyl.

113308 (23-12-66) A method for preventing the growth of mould in crops and animal feedstuffs.

RENEWAL FEES PAID

74998 75212 75395 75484 75521 75550 75770 75783 75834
75841 75981 78484 79042 79223 80070 80110 80143 80145
80268 80339 80357 80581 80609 80656 80835 80972 81078
81307 81325 81341 81348 81364 81462 81546 81975 82881
85586 85637 85920 85934 85962 85966 85978 86040 86073
86094 86099 86101 86202 86206 86235 86236 86242 86261
86286 86337 86340 86389 86390 86458 86467 86580 86688

86765 86807 86856 86899 86935 87080 87201 87937 88165
88968 90113 91289 91512 91568 91569 91617 91621 91646
91691 91738 91796 91816 91940 91946 91991 92057 92093
92232 92307 92362 92456 92459 92532 92585 92834 92856
92914 93241 93721 95716 95717 95909 95949 97033 97155
97254 97266 97270 97271 97305 97310 97325 97360 97472
97475 97477 97484 97523 97525 97585 97607 97639 97774
97783 97906 97964 97991 98034 98052 98057 98077 98102
98189 98335 98346 98461 98478 98755 99227 99315 100264
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113991 114004 114023 114055 114103 114129 114133 114160
114169 114186 114222 114229 114285 114309 114314 114326
114327 114330 114331 114512 114602 114634 114664 114738
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115027 115074 115115 115122 115140 115993 116558 117687
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119212 119237 119239 119255 119271 119273 119289 119317
119384 119420 119435 119487 119494 119549 119556 119562
119576 119617 119623 119636 119638 119682 119778 119799

119807 119808 119822 119836 119837 119859 119921 119934
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 130321 130355 130363 130365 130518 130519 130553 130713
 130723 130787 130814 131053 132060 132305 132560 132757
 132800 132801 132802 133106 133236 133400 133961 134110
 134184 134187 134188 134196 134216 134247 134259 134273
 134281 134282 134283 134295 134305 134306 134307 134340
 134343 134344 134354 134356 134363 134365 134369 134381
 134384 134387 134396 134452 134498 134515 134531 134586
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 134678 134692 134693 134705 134706 134722 134733 134902
 134914 134956 134970 135076 135289 135293 135352 135896
 136308 136309 136357 136400 136416 136468 136470 136471
 136527 136549 136579 136583 136603 136654 136680 136690
 136731 136773.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 92515 to Jashbhai Maganlal Patel and Parsotamias Baharbhahi Panchal for an invention relating to "Improvement and modification in the manufacture of domestic flour mill". The patent ceased on the 29th February, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9th August 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 24th March 1976, under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 129639 to Universal Oil Products Company for an invention relating to "Heat transfer tube with porous boieing surface". The patent ceased on the 17th December 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 11th October 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, 214, Acharya

Jagadish Bose Road, Calcutta-17 on or before the 24th March 1976, under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application for restoration of Patent No. 117687 dated 16th September 1968 made by Boehringer Mannheim GmbH on the 22nd August 1975 and notified in the Gazette of India, Part III, Section 2 dated the 27th September 1975 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 129786 dated 30th December 1970 made by FMC Corporation on the 14th April 1975 and notified in the Gazette of India, Part III, Section 2 dated the 24th May 1975 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 132757 dated 2nd September 1971 made by Alrac Corporation on the 19th August 1975 and notified in the Gazette of India, Part III, Section 2, dated the 27th September 1975 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 142969. Anant Ram Gupta and Gopal Krishan Gupta, trading as Shining Industries, of 4, Gandhi-gram, Narain Estate, G.T. Road, Kanpur-7, Uttar Pradesh, India, Indian National, "Lock". May 3, 1975.

Class 1. 142979. Swaran Parkash Khurana, Shop No. 14, Bhagwati Market, Bank Street, New Delhi-110005, an Indian National. "Fold back-clips". May 8, 1975.

Class 1. No. 142988. Ideal Structural Private Limited, an Indian Private Limited Company incorporated in India under the Companies' Act, at Bill, Padra Road, Dist-Baroda, Gujarat, India. "Adjustable louvre fitting". May 12, 1975.

Class 1. No. 142991. RMW Auto Industries, 15, Borbhat Lane, Girgaum, Bombay-4, Maharashtra State, an Indian partnership concern. Indian National. "Folding seat". May 12, 1975.

Class 1. No. 143084. Rabinder Nath Mehandroo, trading as Ranco & Nelson, of 14, New Wazirpur Industrial Complex, New Delhi-110052, India, An Indian National. "Transformer". June 2, 1975.

Class 1. No. 143196. Hindustan Everest Tools Ltd., 61, Sundernagar, New Delhi-3, a company registered under Indian Companies Act. "Pipe wrench". July 4, 1975.

Class 1. No. 143232. Pitambardas Lallubhai & Co., an Indian Partnership Firm, at 86, Kansara Chawl, Kalbadevi Road, Bombay-400002, Maharashtra, India, Indian National. "Feeding bottle with nipple". July 17, 1975.

Class 1. No. 143296. Anisur Rahman & Saifur Rahman, Indian National, trading as Mini Engineering Company, of 297/1, Acharya Prafulla Chandra Road, Calcutta-700009, West Bengal, An Indian Company. "Hasps". July 31, 1975.

Class 3. No. 142992. RMW Auto Industries, 15, Borbhat Lane, Girgaum, Bombay-4, Maharashtra State, an Indian partnership concern. Indian National "folding seat". May 12, 1975.

Class 3. No. 143048. Aquacare Private Limited, of 64, Regal Building, Connaught Circus, New Delhi-110001, India, An Indian Company. "Sealing ring". May 20, 1975.

Class 3. No. 143124. Racold Appliances Pvt. Ltd., of Vandhna, 12th Floor, 11, Tolstoy Marg, New Delhi-110001, an Indian Company. "Plastic panel". June 16, 1975.

Class 3. No. 143242. Barakaso Private Limited, An Indian Company duly registered and Incorporated under the Companies' Act, at Ishwarbhai Patel Road, Goregaon (East), Bombay-400063, Maharashtra, India. "Shirting folding frame". July 22, 1975.

Class 3. No. 143243. Barakaso Private Limited. An Indian Company duly Registered and Incorporated under the Companies' Act at Ishwarbhai Patel Road, Goregaon (East), Bombay-400063, Maharashtra, India. "Saree folding frame". July 22, 1975.

Class 3. No. 143244. Barakaso Private Limited. An Indian Company, duly Registered and Incorporated under the Companies' Act, at Ishwarbhai Patel Road, Goregaon (East), Bombay-400063, Maharashtra, India. "Suiting folding frame". July 22, 1975.

Class 3. No. 143288. Mipak Plastics Private Ltd., 20, Anand Niwas, A road, Churchgate, Bombay-400020, Maharashtra (Nationality: Indian Company). "Containers". July 29, 1975.

Class 3. No. 143437. Bikram Keshari Mohapatra, C/o Industrial Marketing services, 331, Dr. D. N. Road, Nawab Building, Bombay-400001, Maharashtra, India, An Indian. "Inter-communication instrument". September 23, 1975.

Class 4. No. 143230. Mohan Brothers, an Indian Partnership firm, at 9, Ismail Building, 381, D. Naoroji Road, Bombay-400001, Maharashtra, India, Indian National. "Bottle". July 17, 1975.

Class 5. No. 142990. RMW Auto Industries, 15, Borbhat Lane, Girgaum, Bombay-4, Maharashtra State, an Indian partnership concern. Indian National. "Folding seat". May 12, 1975.

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Design Nos. 138645 & 138646—Class 3.

Design No. 138036—Class 4.

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design No. 138036—Class 4.

S. VEDARAMAN,
Controller-General of Patents, Designs and
Trade Marks.